# je Mining Iournal,

RAILWAY

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1469.—Vol. XXXIII.

LONDON, SATURDAY, OCTOBER 17, 1863.

(SUPPLEMENT) STAMPED.....SIXPENCE.

MR. JAMES CROFTS, SHAREBROKER,
No. 1, FINCH LANE, CORNHILL.

Mr. CROFTS transacts business, in the way of PURCHASE or SALE, in every description of stocks, but particularly in BRITISH MINES, in no case departing from the position of a broker, at net prices. All orders meet with the utmost punctuality and zeal, and advice given as to the nature and eligibility of INVESTMENTS, when required, EXCHANGES OF STOCK effected on the most advantageous basis, subject only to one compulsion.

commission.

Mr. Chorrs having this week visited the Wrexham district of lead mines, is prepared to recommend the best properties for investment. Amongst these are Apostles and Minera Union. Also business in buying or selling in Contral Minera, Paut-y-Pydew, Cefn Clicen, Pentre Lygan, and Brynford Hall.

\*\*\* SELLER of North Minera old shares, and 5s. paid new.

See letter on the Wrexham district, on page 736.

See letter on the Wrexham district, on page 736.

M. R. JAMES LANE, No. 44, THREADNEEDLE STREET, LONDON, E.C.
JAMES LANE HAB FOR SALE, at nett prices:—30 Boseawen, 32s. 6d.; 5 Basset and Grylis, £23; 25 Crebor, £155; 50 Cormbia (fully paid), 30s.; 20 Drake Walls, 37s.; 60 Devon Union, 10s. 6d.; 50 Dale, 14s.; 50 East Jane, 27s. 6d.; 20 East Carn Brea, £74; 20 East Lovel; 10 East Caradon, £74; 10 East Brondloyd (£2 paid), 8s. 6d.; 50 East Bottle Hill, 4s. 6d.; 20 East Providence, £44; 50 Great Wheal Busy, £34; 50 Great Caradon; 50 Hawkmoor, 3s.; 20 Ludeott, £375; 20 Lady Bertha, 14s.; 30 New South Caradon, 9s.; 20 New Wheal Martha, £3; 20 North Jane, 30s.; 20 Silver Vein; 50 Soutridge, 6s. 6d.; 20 Sit Sust Consols, 14s.; 200 Sovereign (fully paid), 9s. 6d.; 20 Toivadden, £25; 10 Tremayne, £2; 20 Treworlis, £29; 20 Unity, 12s. 6d.; 100 Vale of Towy, 4s. 3d.; 1 West Chiverton, £40%.

JAMES LANE has SteelCAL BUSINESS in Chiverton Wheal Rose and Cape Cormental; and is a BUYER of East Lovell, Margery, and East Providence.

STOCK AND SHAREDEALER.—MR. PETER WATSON'
ENGLISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES, 79.
OLD BROAD-STREET, LONDON, E.C.
TELEGRAPHIC MESSAGES to BUY or SELL Railway, Bank, Mine, and other Shares and Stocks, punctually attended to on commission, or at nett prices for cash, or for fortnightly settlements, with advice as to purchases or sales.

Eighteen years' experience.

(Two in Cornwall and Sixteen in London.)
Bankers: Union Bank of London.
Every information can be obtained on personal application or by letter, as to purchases and sales of mine and other shares, and the best investment for capital.

From the close proximity of his Offices to the Stock Exchange, as well as the Mining Exchange, Firzes Warson is enabled to act with promptitude on all orders entrusted to him, which at all times are carried out with punctuality, and to the best advantage of his clients.—October 16, 1863.

EAST PROVIDENCE MINE.—A SPECIAL REPORT on this mine, and remarks thereon, appear in PETER WATSON'S WEEKIN MINING CIRCULAR, No. 294, vol. 7th, of yesterday, Friday, October 16. Price 6d. each copy

MR. PETER WATSON RETURNED to LONDON on Wednesday last, after an absence of a FORTNIGHT in CORNWALL, during which he obtained much important information, and will advise with those who may entrust birm with their business in the Purchase or Sale of mine shares.

79, Old Broad-street, London, E.C.

MR. LELEAN, 11, ROYAL EXCHANGE, LONDON, E.C., has FOR SALE the FOLLOWING MINING SHARES, free of commission:— 28, tee of commission;

10 Tincroft, £1956.

5 Trelyon, £10.

5 Trelyon, £10.

5 Trelyon, £10.

40 Wheal Unity, \$3.

40 Wheal Unity, \$3.

10 Wh. Kitty (St. Agnes), \$2.

10 West Caradon, £2156.

11 Wheal Seton, £18356.

12 Wheal Seton, £18356.

13 Wheal Seton, £18356.

14 Wheal Buller, £2756.

15 Wheal Harriett, 39s.

5 Wheal Union, £2 163 36

5 West Chiverton, £1189

10 W. Chiverton, £1118

20 Wh. Trelawny, £20356.

20 Wheal Hope, £5 189.

20 Wh. Trelawny, £20356.

30 Wheal Hope, £5 189.

20 Wh. Trelawny, £20356.

30 Wheal Hope, £5 189.

R. LELLAN, 11, ROYAL EXCHANGE, LONDON, E.C., ht
FOR SALE the FOLLOWING MINING SHARES, free of commission:—

3 Bryn Gwiog, £37,
5 Bedford United, £2%,
5 Camborne Yean, £3 26
6 Cook's Kitchen.
5 Clifford Amal.
5 Drake Walls, 30s. 3d.
15 East Rassell, £3 1s. 3d.
5 East Caru Brea.
5 East Chiverton.
5 North Rosevar, £316,
5 East Chiverton.
5 North Rosevarne Consols.
5 East Eardon, £36%,
5 East Lovel, £6%,
5 East Cardon, £316,
5 South Consols.
5 North Rosevarne Consols.
5 North Rosevarn

Darren, at present prices. WANTED to BUY—Great South Tolgus, £5½; Nanglies, £29; East Caradon, £26; West Tolgus, £52; Ludout, £2; New Wheal Martha, 50s.—October 16, 1863.

MR. E. GOMPERS, MINING OFFICES,
BUSINESS TRANSACTED IN BRITISH and FOREIGN STOCKS and SHARES.
Mr. GOMPERS has SPECIAL BUSINESS in Chiverton Wheal Rose and East Cornwall
Terms, 1/4 per cent.
Bankers: London and Westminster Bank.

MR. THOS. THOMPSON, MINING OFFICES, 12, OLD JEWRY CHAMBERS, LONDON, E.C.

WILLIAM ALLISON, STOCK, SHARE, AND MINING BROKER, 29, AUSTINFRIARS, LONDON, E.C. Orders to buy or sell, accompanied by references, punctually attended to.

MR. G. D. S A N D Y, S H A R E D E A L E R, No. 48,

8HARES FOR SALE:—

8HARES FOR SALE:—

8 16 East Grenville, £2 8 9

20 Tolvadden.

10 North Downs, £1%.

20 North Downs, £1%.

30 Kamb, £5 11s 3d.

30 Camb, Van, £2 18s 9d

10 N. Treskerby, £2 18s 9d

10 N. Treskerby, £2 18s 9d

18 Tyn Gwiog, £36.

18 Ty

rchase of East Lovell, Wheal Chiv

Mr. G. D. Sawdy advises the immediate purchase of East Lovell, Wh. Bryn Gwiog, East Rosewarne, and Tolvadden. A correct daily price list will be forwarded on application.

MR. WILLIAM WARD (late with Messrs. Dunsford and Ranken), MINING BROKER,
29, THREADNEEDLE STREET, LONDON, E.C.

After an engagement as chief clerk with Mr. Dunsford and Messrs. Dunsford and Ranken for upwards of 11 years, I beg respectfully to intimate that, at the request of several friends, I have resolved to establish myself as a Mining Broker, directing my attention in the first place to British mines, and thereby offering to my clients and the public generally the advantages of my long experience in connection with that important branch of our home industry. It is my firm determination to confine myself exclusively to a commission business, and not to become a dealer in shares, conceiving that I shall thereby merit and best respond to the confidence hitherto reposed in me by my mumericas friends, the continuance of which I respectfully solicit.

numerious friends, the continuance of which I respectfully solicit.

Reports on mines, and other valuable information carefully collected, will always be found at my offices.

References as to my respectability and integrity are kindly permitted to my late repleted employers; and assuring you of my careful attention at all times to your orders.

MR. JOHN BATTERS, of 13, THROGMORTON STREET, has business in the Twelve Apostles Amalgamated (Dividend Lead Mines), raising upwards of 100 tons of lead ore per month, at Miners, near Wrexham.

October 16, 1868.

M. R. GEORGE BUDGE, SHAREBROKER, No. 4, ROYAL EXCRANGE BUILDINGS. LONDON, E.C. (Established 16 years), has FOR 8ALE, at next prices:—50 Wheal Hope, £5%; 40 Best Grenville, £3 83, 9d., 3 Clifford, £394; 100 Drake Walis, 383, 15 Wheal Gravelle, £35%; 28 Great South Toigus, £5%; 100 Edward; 5 Ding Dong, £24%; 25 Chiverton; 25 Camborno Vean, £3; 6 Nanglies, £39; 25 North Downs, £2; 100 Wheal Unity, 12s.; 20 Clijsh and Wentworth; 75 South Caradon Hooper, 10s. 6d.; 25 Chivertons, £66%; 29 East Grylls; 100 East Frovidence, £6 6s. 6d.; 100 East Seton, 6s.; 50 Ludcott, £3%; 25 East Grylls; 100 East Frovidence, £6 6s. 6d.; 100 East Seton, 6s.; 50 Ludcott, £3%; 25 East Grylls; 100 East Frovidence, £6 6s. 6d.; 100 East Seton, 6s.; 50 North Corbor, 27s. 6d.; 50 Great Devon and Eastford Cocharton); 40 Classow Caradon, £4%; 100 North Dolcoath; 25 East Ellen; 100 Dale, 10s. 9d.; 300 Hawkmoor, 3s.; 50 Nant-y-lare; 30 Sauth Gorland; 150 Chiverton Wheal Rose; 15 Crane; 25 Wheal Margery; 20 East Caradon, £26%; 100 West Caradon, £26%; 100 West Maria and Fortscue, 30s.; 100 Sovereign (Gold); 50 Wheal Union, £3%; 125 East Edstein; 6s. dd.; 55 East Loveli, £5%; 75 South Condurov; 100 Illoqan, 21s. 6d. SPECIAL BUSINESS in Chiverson Wheal Rose, East Ellen, Chiverton.

G E O R G E M O O R E, In any business that Gronoz Moors is favoured with, in which he is the buyer, he will give CASH ON RECEIPT OF TRANSFER.

5 Cook's Kitchen, £22's.
20 Camborne Vean, £3's.
20 Camtral Miners, £2 & 94
5 Clijah & Went., £9's.
10 Cam Brane.
10 Calvadnack, £5's.
10 Caradon Vale.
25 Caradon United.
15 Copper Hill.
5 Caradon Consols.
5 Caredol.

10 Copper Hill.

5 Caradon Consols.

5 Cargoll.

50 Dale, 12s.

100 Don Pedro No. del Rey,
21s.

50 Drake Walls, 38s. 9d.

1 Dev. Gt. Cons. £567½.

10 E. Carm Brea, £74½.

10 East Bussel, £3 3s. 9d.

20 East Chiverton.

10 East Lovell, £6½.

30 East Scton, 7s.

20 East Grenville, £3 12 6

5 East Caradon, £26 18 9

30 E. Basset & Grylls, 23s.

10 E. Rosewarne, £2 10s.

50 East Clegau (faily paid).

1 East Pool.

10 E. Rosewarne, £2 10s.
50 East Clogau (fully paid).
1 East Pool.
50 E. Cornwall Cons., 20s.
20 E. Gunnis Lake, 20s. 6d.
5 East Treakerby.
100 Fortuns, £1 10s.
1 Grambler, £13%.
180 Garreg, 2s. 3d.
20 Gt. So. Tolgus, £5 3s 9d.
50 Glasgow Caradon.
10 Gonamens, £2 19s. 9d.
5 Great Wh. Vor, £10%.
Mr. Harron continues to rd.

50 Lady Bertha.

10 Marko Valley, £6 5s.

1 Minera.

50 Maraquita, 11s. 9d.

100 Molland, 1s.

10 North Treskerby, £3\c)6.

10 No. Baseet, £3 2s. 6d.

5 North Crofty, £4 18s, 9d.

100 North Minera.

100 North Minera.

100 North Minera preference shares (5s. pd.), 7s. 6d.

20 New Wh. Martha (fully paid), 35s. 9d.

5 Nanglies, £29\c)6.

5 Now Rosewar, £22\c)6.

5 North Downs, 35s.

5 North Buller, £4 18s 9d

5 North Buller, £4 18s 9d

5 North Buller, £4 18s.

10 Pendeen.

10 Pordenee, £13.

20 Pendean.

12 Rosewarne Utd, 45s.

100 Santa Barbara, 10s.

5 St. John del Rey, £57.

30 South Grenville, 5s. 6d.

20 South Grenville, 5s. 6d.

20 South Grenville, 5s. 6d.

20 South Grenville, 5s. 6d.

2. Adam's-court.Old Broad-street, October 16, 1863,

Tincroft, West Chiverton, Chiverton, Herodsfoot, South Caradon, and Devo irreat Consols for investment. These shares ill pay good interest for money at presen uotations.—5, Cowper's-court, Birchin-lan

HARES WANTED IN state number and lowest price:

Kitty (Lelant), £14.
Gonamens, £276.

St. Ivee Wh. Allen, £176

St. Ivee Wh. Allen, £176

Whest Jane, £1716.

Providence. Twelve Apostles.
Trencrom, £314.
South Basset, £414.
Bryntail.
West Caradon, £21.
Ding Dong.

#Haw Jane, £17½.

Rosewarne United, £2.

FOR SALE, or an OFFER REQUIRED:

25 Rosewarne United, 45s.

Copper Hill, £16.

Great Fortune, £27½.

Builer, £27½.

A carefully selected list of a few mines at mere nominal quotations, and which mushave an immense rise, may be had on application. Exchanges made in bank, insurance and other properties on eligible terms.

Mining Offices, 77, Old Broad-street, London, Oct. 16, 1863.

SHARES FOR SALE IN THE FOLLOWING MINES:

100 North Basset, £5 Is 3d 30 Camborne Vean, £3%. 5 West Chiverton, £4w. 5 Providence, £43. 50 Tolvadden, 38s. 10 Thurorft, £104. 50 Wheal Hope, £5%. 50 Wheal Hope, £5%. 50 Wheal Hope, £5%. 50 Great So. Tolgus, £5%. 20 Frances, £65. 20 Telawny, £21. 50 Nangiles, £28%. 40 East Chiverton, £11. 10 Grambler, £12. 50 Garlidas, £4%. 20 West Caradon, £7. 10 West Caradon, £7. 10 Garlidas, £4%. 20 West Chiverton, £11. 10 Garlidas, £4%. 20 West Chiverton, £12. 20 West Chiverton, £4w. 20 West Chiverton,

Shares bought and sold at 14 per cent. commission.
WILLIAM BARTLETT, Stock and Sharebroker 12, St. Michael's-alley, Cornhill, Lo

MR. H. WADDINGTON, MINING AND SHAREBROKER, 20, THROGMORTON STREET, LONDON, E.C. Shares in railways, mines, &c., bought and sold on the usual commission.

H. WADDINGTON recommends for safe investment Seton, Naugiles, Clifford, and Uny. As speculative shares to rise cent. per cent., Wheal Albert, in 500 shares, North Shepherds, East Chiverton, and three or four other mines, which may be learnt on application.

M. R. T. P. THOMAS, MINING AGENT AND AUCTIONEER,
2, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C.
Mr. T. P. THOMAS has just returned from the Minera Glatrict, having been under ground in several of the mines, and will be happy to give every information respecting them.
T. P. TROMAS has abusiness as BUYER and SELLER, at close prices, in Minera Union, Central Minera, North Minera, Minera Boundary, Twelve Aposties and Minera.
T. P. THOMAS is a BUYER of 100 Shares, or any part, in Wheat Hope, 20 East Wheat Lovell, and 50 Camborne Vean.

20 South Goriand.
100 St. David's Gold (20s.
paid), 2s. 3d.
1 Trelawny, £20%.
10 Tincroft, £19%.
10 Trincroft, £19%.
10 Trincroft, £19%.
10 Tolvadden, £2 15s.
10 Towlve Apostics.
50 Vale of Towy, 6s.
50 West Chiverton, £21%.
1 Wheal Seton, £21.
10 Wheal Grylis, £28%.
5 Wheat Hearie.
20 Wh. Grenville, £2%.
10 Wheal Margaret, £2%.
10 Wheal Margaret, £2%.
50 Wh. Kitty (St. Agnes), £27%.
50 Wheat Unity, £6%.
10 Wheat Unity, £6%.
10 Wheat Starp Tor.
1 West Seton, £21.5.
50 West Trevelyan, 9s.
1 West Starp Tor.
1 West Starp Tor.
21 West Starp Tor.
25 West Wheal Kitty (St.
Agnes), 15s.
20 Yudansamutana, £218 9

50 West Wheal Kitty (St. Agnes), 15s. 20 Yudanamutana, £218 9 20 Wh. Chiverton, £11½. 10 Wheal Crofty, £3½. 1 West Basset. 30 Wheal Hopo, £5½. 3 West Rose Down. 10 Wheal Agar. 2 Wheal Buller. 100 Worthing, 11s. 3d. 50 Wheal Crebor, 31s. 2 Wh. Mary Ann, £10½

Mr. Herror continues to recommend Wheal Clifford Amalgamated shares, being satisfied, from reliable information, that the report of the position and prospects of these miss which will be furnished to the meeting on Wednesday next will quite justify his reiterated recommendations to purchase into this property. He also recommends North Minera preference shares, the recent improvement rendering this speculation well worthly of attention.

MESSRS. VIVIAN AND REYNOLDS, 68, OLD BROAD, STREET, LONDON, E.C., MINING ENGINEERS, INSPECTORS OF MINES, COMMISSION, and GENERAL AGENTS for the FURCIALSE OF SALE Of MINE SHARES, RAILWAY, and EVERY OTHER DESCRIPTION OF STOCK.

Commission on sharetransactions 1½ per cent. on £100 gnd above, and 2½ per cent. on less sums.

MR. EDWARD COOKE, MINING SHAREBROKER, application, relative to the merits of mines, either for speculation or investment in which can scarcely fall to be highly remunerative.

BUYER of East When Grylls, at £61/4, and Wheal Grylls at 281. Cash in all gases on receipt of transfer.—October 16.

MR. GEORGE BATTERS strongly recommends his friends to buy

E FOLLOWING MINES, or

JOSEPH GREGORY, STOCK AND SHAREBROKER, 2, HATTON COURT, THREADNEEDLE STREET, LONDON, E.C. Commission on purchase and sale of mining shares, 1½ per cent.

THOMAS HAMILTON (late of Truro) STOCK AND SHAREBROKER,

12, St. MICHAEL'S ALLEY, CORNHILL, LONDON, E.C.
Mine shares bought and sold on the usual commission.

JOHN RISLEY, 32, LOMBARD STREET, LONDON, E.C., SHARES in MINES BOUGHT and SOLD on commission, at 114 per cent. for immediate cash. Bankers: London and Westminster, Lothbury.

HARES FOR SALE IN THE FO.

100 Haye Valley, 6s. 3d. 10 Wh. Cartis, 41s.

20 Wh. Union, £3½.

10 Chiverton, £12.

10 East Caradon, £26¾.

11 West Seton, £217½.

20 Kitty (St. Agnes),£8.

10 North Basset, £74½.

100 North Basset, £713.

30 Camborne Vean, £3½.

30 Camborne Vean, £3½. CW ING MINES:

5 Clifford Amal., £394.

20 East Carn Bree. £79.

50 Wheal Agar, £34.

2 South Frances.

1 Wheal Buller, £274.

20 East Grenville, £39.

5 West Chiverton, £49.

JAMES HUME, SHAREBROKER, 74, OLD BROAD STREET,
AND MINING EXCHANGE, LONDON, E.C.
Buying orders on hand in Nanglies, Clifford, Camborne Vean, and East Russell.
Mr. Hunk can recommend two mines of great promise, at present at a mere nominal
figure, but which, from their merits and improving prospects, must soon command a very
high price in the market. Particulars will be supplied on application.
In all business intrusted to Mr. Hunk he engages to roturn the price dealt at,
charging 14 commission only.

LOVEIL, and 50 Camborne.

VALUABLE DIVIDEND, FORFEITED, AND OTHER SLATE AND BANK SHARES FOR SALE BY PUBLIC AUCTION.

MR. T. P. THOMAS has been favoured with instructions to SELL by PUBLIC AUCTION.

In order of the state of the

20 Wheal Edward.

7. P. Thomas begs to draw the attention of the investing public to the above list of dividend and progressive shares, nearly the whole being for absolute sale without reserve, and presenting an opportunity for good investment rarely occurring. The above will be offered in lots suitable for easy purchast.

For full particolar, catalogues, &c., apply to Mr. T. E. W. Thomas. 16, Hackin's Hey, Liverpool; Garraway's Coffee House, Cornhill, E.C.; and at the Auctioneer's Offices, 2, Crown-court, Threadneodic-atreet, London, E.C.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL

MINING SHAREDEALER,

3, PINNER'S COURT, OLD BROAD STREET, LONDON; and

16, HACKINS HEY, LIVERPOOL.

Now ready, Mr. THOMAS's "Mining Pamphiet," containing practical information respecting some of the mines now being dealt in on the market, with his observations and advice relative to the sume. Post free for six stamps.

Mr. THOMAS has business, both as buyer and seller, in Minera.

Mr. THOMAS has business, both as only and seller, in minera.

MR. FRANCIS G. LANE, No. 2, ROYAL EXCHANGE, LONDON, E.C.

The following SHARES FOR SALE:—

20 East Caradon, £26%.

30 St. Just Un., £3 16s, 36.

5 Wheal Clifford, £29.

10 Santa Barbara, 3s. 9d.

20 East Lovell, £3%.

20 North Croty, £5.

20 North Minera, 6s. 6d.

25 Marke Valley, £34.

26 Garlyn, 32s. 6d.

27 Toivadden, £2%.

28 Wheal Crobor, 31s, 36d.

29 Wheal Crobor, 31s, 36d.

20 Wheal Russell, £3%.

20 East Russell, £3%.

20 East Russell, £3%.

20 East Russell, £3%.

20 Heal Grobor, 31s, 36d.

20 Wheal Growille, £4%.

20 East Russell, £3%.

20 Heal Russell, £3%.

20 Heal Russell, £3%.

20 Heal Russell, £3%.

20 Heal Hope, £3%.

20 Heal Hope, £3%.

20 Heal Hope, £3%.

20 Heal (II., pd.), £4%. 50 Gt. Devon and Bedford
(Colcharton), £2½.
10 Wheal Chiverton, £12,
50 Camborne Vean, £13,
50 Wheal Crebor, 31s, 3d,
10 Wheal Grenville, £5½,
20 Wh. Kitty (St. Agnes),
£5½.
20 Wheal Hope, £5½,
20 Havan (fui. pd.) £4½. 20 Santa Deceli, £634.
20 East Lovell, £634.
20 North Crofty, £5.
20 North Minera, 6s. 6d.
25 Marke Valley, £544.
26 Gurlyn, 32s. 6d.
27 East Russell, £336.
28 Gurlyn, 32s. 6d.
29 East Russell, £336.
20 Havan (ful. pd.) £436.
20 East Rosewart Hill and Ran20 Whesi Hope,
20 Havan (ful. pd.) £436.
20 East Rosewart Hill and Ran20 Havan (ful. pd.) £436.
20 East Rosewart Hill and Ran20 Havan (ful. pd.) £436.
21 East Rosewart Hill and Ran22 Havan (ful. pd.) £436.
23 East Rosewart Hill and Ran24 East Rosewart Hill and Ran25 Wess26 Wess27 East Russell, £336.
26 Havan (ful. pd.) £436.
27 East Russell, £336.
28 Hope,
29 Whesi Hope,
20 Havan (ful. pd.) £436.
29 East Russell, £336.
20 Havan (ful. pd.) £436.
21 East Russell, £336.
22 Havan (ful. pd.) £436.
23 East Russell, £336.
24 East Russell, £336.
25 Hope,
26 Havan (ful. pd.) £436.
26 Havan (ful. pd.) £436.
27 East Russell, £336.
28 Havan (ful. pd.) £436.
29 Havan (ful. pd.) £436.
20 Havan (ful. pd.) £436.
21 East Russell, £336.
22 Havan (ful. pd.) £436.
23 East Russell, £336.
24 East Russell, £336.
25 Hope Hill and Ran20 Whesi Hope,
20 Havan (ful. pd.) £436.
20 Havan (ful. pd.) £436.
21 East Russell, £336.
22 Havan (ful. pd.) £436.
23 East Russell, £336.
24 East Russell, £336.
25 Hope Hill and Ran26 Whesi Hope,
27 Havan (ful. pd.) £436.
28 East Russell, £336.
29 East Russell, £336.
20 Havan (ful. pd.) £436.
21 East Russell, £336.
22 Havan (ful. pd.) £436.
23 East Russell, £336.
24 East Russell, £336.
25 East Russell, £336.
26 East Russell, £336.
27 East Russell, £336.
28 East Russell, £336.
29 East Russell, £336.
20 Havan (ful. pd.) £436.
20

MR. FREDERICK WM. MANSELL, STOCK AND MINING SHARBBROKER, 75, OLD BROAD STREET, LONDON.
Mr. MANSELL will, on application, forward a list of mines for immediate purchase, likely to considerably advance in price during the next month.

Telegraphic orders to the above address will meet with prompt attention. Terms of commission, 1¼ per cent. Bankers: London and Joint-Stock Bank.

JOHN W. HUTCHINSON, 78, OLD BROAD STREET AND
MINING EXCHANGE, LONDON, is a BUYER for eash of—
Lisburne Mines.
Minera.
Trelyon Consols.
Trelawny.
Providence.
Basset.
Basset.
East Basset.
East Basset.
Frovidence.
Copper Hill.
North Basset.
Famor.
Fa

Copper Hill. Tamar.
North Basset. Hope.
East Caradon. West Chiverton, &c.
effected in all marketable stock and shares.
Bankers: City Bank.

WILLIAM SEWARD, MINING BROKER, STOCK AND SHAREDEALER, 31, THROGMORTON STREET, LONDON, E.C. Commission, 1½ per cent. on all transactions.

T. ROSEWARNE, 81, OLD BROAD STREET, North Treskerby, £3\%. North Crofty, £5\%. Nanglies, £30. North Basset, £3\%. Tolvadden, £3\%. Tincroft, £19\%. West Seton, £20. West Chiverton, £50\%. Wheat Chiverton, £12. West Maris, 27s. 6d.

MR. T. ROSEWARNE,
Bronfloyd, £4½.
Bryn Gwig, £36.
Bedford United, £3½.
Camborne Yean, £3½.
Camborne Yean, £3½.
Cook's Kitchen, £33.
Clijah and Went., £334.
Devon Gt. Cons., £556.
Drake Walls, £2.
Ding Dong, £3.
And is a BUYER of—
200 Gt. S. Tolgas, £5½.
30 Bedford United, £2%.
30 Bedford United, £2%.
30 West TK WANTED for— OR SALE;—
East Russell, £3 1s. 3d.
East Carn Bress, £7%.
East Chiverton, £7%.
East Chiverton, £7%.
East Carndon, £2%.
East Ganest, £74%.
East Carndon, £26%.
East Gunnis Lake, 22s 6d
Glasgow Caradon, £4%.
Great Laxey, £5%.
North Downs, £1 15s.
North Robert, 9s. 3d.

An OFFER WANTED

50 East Caradon, £26. 20 New Marths, 32s. West Tolgus, £50.

100 East Lovell, £614. 100 Ludcott, 40s. 30 Nangiles, £29. East Bottle Hill Bankers: Bank of London.

Calstock. Oct. 16, 1863.

Oct. 16, 1863.

Bankers: Bank of London.

CEORGE RICE, SHAREBROKER, 1, FINCH LANE, CORNHILL, LONDON (20 years' experience), has SPECIAL BUSINESS as BUYER or SELLER, for cash or account, in the following mines:—

Closing quotations.

East Caradon £294,—3
East Caradon £294,—3
East Caradon £39,—394.
East Caradon £49,—34
Drake Walls 378,—394.
East Covell 64,—34
Drake Walls 378,—394.
East Cara Brea 7,—1%
East Cara Brea 7,—1%
East Cara Brea 7,—1%
East Cara Brea 7,—1%
East Chieverton 74,—34
Wheal Redward 294,—39.
East Grenville 34,—34
Wheal Crobor 298,—30s.
Wheal Harriett 136,—2%
East Chieverton 49,—51

BUYER of 200 Merilyn. State lowest price.
George Rice having just returned from the mining districts of Devon and Cornwall, speculators and shareholders would do well to apply to him for advice upon the mines in which they may be interested.

peculators and snareulouses.
In which they may be interested.

Money advanced on mining shares.

Oct. 16, 1663.

Bankers: Bank of London. A CAUTIOUS MAN.—MR. HALSE, MINING BROKER, 28, THREADNEEDLE STREET, E.C., the writer of the letters in the MINING JOURNAL signed "A Cautious Man," informs speculators who are not his clients that his fee for advice is one guines. One fee may be the means of saving hundreds of pounds. He can recommend a few good mines, which in all probability will have a good rise before long.

Bankers: The Metropolitan and Frovincial Bank.

INVESTMENT.—Mr. THOMAS SPARGO, STOCK, SHARE, and MINING BROKER, Nos. 224 and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C., publishes, every Wednesday, a GUIDE to BRITISH and FOREIGN MINING, and OTHEE INVESTMENTS, which should be consulted by all capitalists. Post free on receipt of six stamps.

A MINING PAMPHLET, containing information as to Grenville, Rast Grenville, East Caradon, East Basset, Bryn Gwlog, North Rosken, Wheal Crebor, Indoott, Seton, and other mines. Price 6d.—T. E. W. Themas, 2, Pinner's court, Old Broad-street, London,

KIE

### Original Correspondence.

### THE HARTLEY FUND SURPLUS.

THE HARTLEY FUND SURPLUS.

Sir,—It having been decided to distribute 20,000L of the Hartley Fund among the twolve inspection districts, to form the nuclei of permanent funds for the relief of the sufferers by future colliery calamities, it becomes the duty of all 12 do their best that the money should be properly applied. Meetings have already been held in some districts, and have been convened an others, and there has been evidence of earnestness with all. The manner in which the surplus is to be disposed of must be satisfactory to all; the executive committee recommending its division among the coal mining districts of the country, making the number of coal miners in each districts the basis of the division. Of such districts there are twelve—Derby, Nottingham, Leiecster, and Warwick district; North and East Lancashire district; North and East Lancashire district; North and Camberland district; North Stafford, Shropshire, and Cheshire district; South Durham district; South Stafford and Worcester district; South Wales district; South Western district; West Lancashire and North Wales district; Yorkshire district; Eastern district of Scotland; Western district of Scotland. Committees have already been formed in Northumberland and South Wales I know, and it may be in other parts also, but no definite plan of action appears to have been yet even proposed, and the hints given have been of anything but a satisfactory nature. To these I shall allude presently.

The question has been raised whether the Hartley Committee have legally the power to distribute the surplus fund as proposed, but upon this I think two opinions cannot exist. More than six months have elapsed since the committee published their scheme, and they especially desired the subscribers to communicate with them if they did not approve of it, or if they could suggest any better. The subscribers have implied their assent by their silence, and, in my opinion, no question can possibly arise hereafter. The Hartley Relief Committee are, and always have been

for whom the land was intended. The Committee has, moreover, obtained the expressed assent of all whose subscriptions were made in their own names, and it would be impossible for the anonymous subscribers to prove themselves subscribers hereafter. Very likely there are some who would desire a special Act of Parliament to be obtained to authorise the distribution, but these would only be parliamentary agents, who would obtain feet from such a convex.

from such a course from such a course.

I quite agree with those who maintain that a tax on coal would be objected to, but I do not think it would be so very objectionable. The coal owners are the parties who profit by the labour which causes the accidents so that they should not object to pay (say) \(^1\_4\)d. per ton upon the coal raised provided the men pay \(^1\_4\)d. per ton also. At present about 80,000,000 ton of coal are raised annually, and there are 1000 deaths, which would leave about 8000 surviver to provide for the 80,000,000 ton parties. of coal are raised annually, and there are 1000 deaths, which would leave about 3000 survivors to provide for; the 80,000,000 half-pence would amount to 166,6661. 13s. 4d., which would give on the average 501. to each survivor: an amount that would be ample to provide the same amount of assistance for the whole 3000 that has been provided for the survivors of the Hartley accident, and would, moreover, provide for a secretary in each district to attend to the business of the fund: the committees would, of course, act gratuitously, and should be composed one-half of masters and one-half of men, to be elected (say) once in three years. Some such arrangement would relieve the masters of the heavy draw upon them in case of an accident, will give the men the satisfaction of knowing that in case of accident their survivors will be well provided for, and render all fature applications to the benevolent on behalf of colliers' widows unnecessary.

Bristol, Oct. 12. Bristol, Oct. 12.

### VENTILATION OF MINES.

VENTILATION OF MINES.

Sir,—With reference to Mr. Silas Oke's letter on this subject, in last week's Journal, permit me to trouble you with an extract from the "Penny Cyclopedia," v. 15, p. 244 (published in 1839):—"A very efficient machine for this purpose was invented some years ago by Mr. John Taylor. It consists of a cylindrical exhausting apparatus, which may be fixed at the mouth of a shaft, or level, and placed in action by any convenient power, when, by means of a series of tubes connected with it, the foul air is extracted from the interior of the works, and, of course, the pure atmospheric air rushes in to supply its place, and complete ventilation is thus effected."

H.

### THE SOUTH WALES INSTITUTE OF ENGINEERS.

THE SOUTH WALES INSTITUTE OF ENGINEERS.

Sir,—Will you permit me to invite the Council of the South Wales Institute of Engineers to extend the operations of the society to the metallic mines of South Wales? The institution is now firmly established, and, in all matters connected with the working of collieries, it does good service. At the recent meeting some valuable memoirs were read "On Coal-cutting by Machinery," "On the Long Wall System," and other subjects; but, so far as I recollect, not one word was said directly on our lead, blende, or copper mines. Indeed, as I understand, the Institute confines its attention almost exclusively to colliery operations. I should very much like, if it were possible, to have its basis widened, and I see no reason why it could not be done with advantage to the institute and to the country. No doubt there are many points of practical interest in the working of our coal mines, but they have nothing like the scientific interest inseparable from the search for lead or copper. Coal is found in seams under known conditions, so that its working is reduced to a question of economy in machinery and labour. But that is not the case (say, for instance) with our lead mines. Lead is found in lodes, which vary in their direction and lie, and under conditions which have not yet been generalised into scientific law. Then, again, the working of these lodes requires an amount of knowledge which is rarely brought into action at our collieries. I will not, however, descend into particulars, as it must be clear to everyone, after enquiry, that lead and copper mining presents a fine opening for scientific investigation enough to repay the labours of any institute. And, besides, when once we can get the metallic mines of the country under the influence of such bodies of men as the South Wales Institute of Engineers, there will be an end to the power of ignorant and pretentious mine agents, who crush the spirit of legitimate enterprise, at any rate in South Wales. I do not suppose there would be a SIR,-Will you permit me to invite the Council of the South Wales In it will be adopted as soon as convenient.

Carmarthen, Oct. 13.

### UTILISATION OF BLAST-FURNACE CINDERS.

Sin,—My most recent improvements in the extraction of iron and steel from the cinders of puddling and in re-heating furnaces, for which a patent was allowed March 28 of the present year, consists in mixing with the cinders in a pulverised state a quantity of fresh-burnt lime, and enough of water to bring the whole to a doughy mass, which, after being formed into bricks, blocks, or pieces of suitable size, is dried and subjected to treatment in a cupola, or puddling, or other furnace, or in any suitable converting apparatus, to be converted into iron or steel; also, in dissolving in the water with which the above mass is formed a quantity of any chlorine salt, for the purpose of expelling the sulphur, phosphorus, arsenic, or silicon that may exist as impurities in the iron.

the purpose of expelling the sulphur, phosphorus, arsenic, or silicon that may exist as impurities in the iron.

The cinder is to be first ground to powder in a mill, such as is used for grinding plaster, or by any other suitable means, and is either mixed with the lime while the latter is undergoing the process of slaking, or is mixed in a dry state, and afterwards wetted and mixed up with water, as it is important that the cinder should be in contact with the lime while the latter is undergoing the slaking process, or conversion into a hydrate, as, in that state of transition, the lime has a strong affinity for, and will readily combine with, silica, which is always present in large quantity in the cinder, and thus form a double silicate of lime and iron. The proportion of lime to be mixed with the cinder, and the subsequent treatment, depend

der, and thus form a double silicate of lime and iron. The proportion of lime to be mixed with the cinder, and the subsequent treatment, depend on the use which is to be made of the cinder, and I will proceed to describe some of its most important uses, and the manner in which they are effected.

As a substitute for the iron ore that is now used in admixture with piginon in the puddling-furnaces, I mix with the pulverised cinder from 10 to 15 per cent. per weight of powdered lime, and from 10 to 15 per cent. of clay, and, after having made the whole into a patte with water, form it in a press, or by other means, into bricks, slabs or blocks, or other suitable pieces, which are then dried and fed into the puddling-furnace, in the same manner as the ore, in proportions varying from 10 to 40 per cent. by weight of the pig.

weight of the pig.

For the extraction of its iron as wrought-iron, or its manufacture into steel in the puddling-furnace, I add to the cinder from 5 to 25 cent. of lime

according to the proportion of silica supposed to be present in the cinder, and grind both together till the whole is powdered, and then add, for the proportion the mixture to a stiff paste, sufficient water, in which and grind both together till the whole is powdered, and then add, for the purpose of bringing the mixture to a stiff paste, sufficient water, in which there has been disselved chloride of sodium, calcium, potassium, iron, or any other chlorine salt, in the proportion of from 2 to 10 per cent., by weight, of the cinder. The paste thus formed is made into bricks, blocks, or slabs, and, after having been dried, is put into the furnace and treated

or slabs, and, after having been dried, is put into the furnace and treated like pig-iron.

And for working the cinder in a blast-furnace or cupola, to produce pig or cast-iron, I add to the last specified mixture, while in the pasty state, in the proportion of from 20 to 25 per cent. of the cinder, either coal-dust, wood-sawdust, tar refuse, or other hydro-carbon or carbonaceous substance. This mixture, after having been dried, is charged into the blast-furnace or cupola, and therein reduced to the condition for casting into pigs or other forms. The last-described mixture may be treated in any air furnace suitable for the conversion of iron into steel, and thereby made to produce a good quality of cast-steel.

good quality of cast-steel.

Rich silicious ores may be treated with lime in either of the modes hereinabove described with reference to the cinder, and what I claim as my invention is—Firstly, the manufacture of iron and steel from cinder or ore,
by mixing the cinder or ore with lime, in the manner set forth, and treating the mixture substantially as set forth; and, secondly, in combination
with the use of lime in the treatment of cinder or ore, I claim the use of a
chlorine ask, substantially as and for the purpose specified. lorine salt, substantially as and for the purpose specified.

Franklin Institute, Philadelphia.

Anthony L. Fleury.

### THE BESSEMER PROCESS, AND THE HOT-BLAST.

THE BESSEMER PROCESS, AND THE HOT-BLAST.

Sig.—As cold-blast in the smelting-furnace was practised before the idea of heating it occurred to Neilson, so we may anticipate that, some good may result from the substitution of hot for cold-blast, as proposed by Prof. Tunner; but, inasmuch as it is asserted that sometimes one-third of the iron is consumed by the Bessemer process in converting pig-iron into bar, it is very questionable whether iron thus burned is not a more expensive fuel than coal. It is very easy to buy coal at 6s. or 7s. per ton, whilst the present price of pig-iron is 4l., or very nearly that. Now, it will be evident that unless we use more than 11 tons of coal to heat 2 tons of iron, coal will be the more economic fuel. All inventions are entitled to full consideration, and all invantors should be encouraged; but let us see that we do not go back instead of progressing.

EISENSTEIN.

### PUDDLING IRON WITH WATER-GAS.

SIR,—Since we have had such startling announcements as those that iron can be made without fuel, that gas is a good substitute for coal under steam-boilers, and that coal-cutting by machinery can be practically effected, we ought to be prepared for anything; yet I must confess my inability to discover either the novelty or utility of the invention which has recently been creating some attention at the Staffordshire ironmasters' meetings, from some mystery having been at first attempted to be thrown around it. been creating some attention at the Staffordshire ironmasters' meetings, from some mystery having been at first attempted to be thrown around it. The inventor of the process to which I allude is Mr. Jacob, an Austrian, who was erroneously described by your Wolverhampton correspondent, in the Mining Journal of Oct. 3, as a Dutchman, and the invention itself may be described as a Uchatio-Bessemer process, wanting the simplicity of a Uchatius, and the efficiency of Bessemer. The Uchatius process failed in South Wales, after costing the unfortunate ironmaster who purchased it 30,000L, and the Jacob process is so eminently unpractical, that one would be safe in estimating that it could not be developed (even to prove its uselessness) for a less amount.

be safe in estimating that it could not be developed (even to prove its usclessness) for a less amount.

Mr. Jacob's is the Bessemer process plus mystery, and with the addition of a little superheated steam, which he mistakes for hydrogen gas, and which he states that he has spent some thousands of pounds (perhaps he means coal) in producing. He does not, as your Wolverhampton correspondent asserts, produce vapour-of-iron, and consequently that extremely novel gas does not become combined with the superheated steam; and I fearlessly assert that if he uses iron, as described, to decompose his steam, he must consume more iron than the gas produced from such decomposition could melt, and that he would use more coal in heating the retorts, and keeping up the steam in the boiler during the time occupied in one "heat," than would be required to puddle any single charge of iron in the ordinary way.

torts, and keeping up the steam in the boiler during the time occupied in one "heat," than would be required to puddle any single charge of iron in the ordinary way.

It is stated that Mr. Jacob erects a number of iron retorts in stacks, similar to those used in the production of coal gas; in these retorts he places, upon iron plates, a quantity of pulverised cast-iron, or iron-filings. He proposes to keep these filings at a red heat while he passes steam over them, and expects that the result will be that hydrogen will be given off in quantities large enough to be stored in a gasometer, and that the iron will take up the oxygen. From the gasometer he will convey the hydrogen (alias superheated steam, for unless he keeps his gasometer hot his hydrogen will certainly condense into water) to the puddling-furnace, and there use it as a fuel in combination with atmospheric air. The filings are converted into oxide of iron, and of this he proposes to add 10 per cent. to the charge in the puddling-furnace, when the puddling is carried on in the usual way. I think that if oxide of iron be necessary or advantageous in the puddling-furnace, all practical men will admit that it is better to employ (say) a pure hematite ore well pulverised, or at least pulverised pig, oxidised by wetting and subsequent exposure to air, than good metal oxidised by steam in costly retoris, heated by a most expensive process. I shall be glad if either Mr. Jacob or your Wolverhampton correspondent will enlighten us as to how it is hoped Mr. Jacob's invention will economise coal, and I am sure a large number of my rivals in trade will be equally well pleased with the information.

An Ironmaster.

### HEATING FEED-WATER FOR BOILERS.

SIR.—In reply to the letter of Mr. John Hocking, jun., with regard to my patent boiler, I can only say that my plan has been tried and proved. I am much obliged to Mr. Hocking, jun., for his patronising promises under certain circumstances; but with respect to the "great danger" attending its use, he surely must be aware that there is no more danger in working it than in boiling a tea-kettle.

Basset Foundry, Devoran, October 13.

### MINE PROFITS, AND ARREARS OF CALLS.

MINE PROFITS, AND ARREARS OF CALLS.

Sir,—It was shown some few weeks since that defaulters obtained a palpable pecuniary advantage over those who paid their calls to the extent of some 25 per cent, a fact which was so startling that I was induced to analyse the financial position of a certain number of public companies, with a view to ascertain whether this very evil—non-payment of calls—was not one of the principal causes of public companies, formed for general purposes, being so seldom remunerative to the capitalist. Railway companies, banks, and insurance companies I, of course, passed by unnoticed, because their businesses are not interfered with by arrears of calls, calls being more stringently enforced. This left mining and industrial companies for consideration, and the way I have arrived at my estimate is this. I have selected 1000 companies, which includes those quoted in the Mining Journal, and a still larger number from other sources, and I find that in six months ending June of the present year less than 150 were paying dividends, the remaining 850 making calls (some one, and some as many as three during the period). The aggregate amount of calls made exceeded 3,500,000L, or at the rate of 7,000,000L per annum, whilst the dividends paid amount

remaining 850 making calls (some one, and some as many as three during the period). The aggregate amount of calls made exceeded 3,500,000L, or at the rate of 7,000,000L per annum, whilst the dividends paid amount to less than 250,000L, or at the rate of 500,000L per annum. Of the 850 call-making companies, about 500 may be considered to be balancing between profit and loss, calls not being made at every meeting, and the accounts being altogether in a satisfactory position; the remaining 250 making regular, and often heavy, calls at each meeting, some being so recently started that profits cannot reasonably be expected, and some being, to judge from the time they have been in operation, not worth carrying on. My next endeavour was to ascertain the proportion of shareholders who pay promptly, and those who do not (this I could, of course, only estimate from the arrears of call reported at each meeting), and I estimate the prompt payments at one-fourth only—your previous correspondents have stated one-half; so that for the carrying on of work which is admitted to require 7,000,000L of capital per annum the executive of the companies have never more than 2,000,000L ready cash to deal with; the arrears, when they do come in, having so many claims upon them that they are at once absorbed. I find that the returns of these call-making companies (which include business done in the case of industrial companies, and mineral sold in the case of mining companies) amount to nearly 80,000,000L, so that with the very moderate profit of 11 per cent. the 7,000,000L would be returned; thus, upon the average, the 1000 companies abould yield 10 per cent. per annum upon the amount invested. Instead of this, we have 500,000L profit on 7,000,000L outlay, or just 7 per cent. per annum. But, as profit on 7,000,000% outlay, or just 7 per cent. per annum. But, as

amongst the dividend-paying companies there are included the whole of the rich mines which appear in the Dividend List of the Mining Journal, some yielding many hundreds per cent. per annum profit, it follows that if we remove only (say) 10 of the best companies, the average profit on the remaining 990 would be less than 1 per cent. per annum.

This is certainly a most unsatisfactory state of things, more especially when we consider that two-thirds of the companies not paying dividends are so nearly meeting their expenses that they only require a very little impetus to place them in the Dividend List, and give 10 per cent. per annum to 500 of the 990 companies now receiving less than 1 per cent. per annum. It was very truly remarked, that whilst calls were permitted to remain in arrear companies could not get the benefit of the discount, or difference obtainable by dealing with ready cash, and it has been thoroughly demonstrated that if a company can get in its calls, so as to be enabled to deal with ready money, it can well afford to allow the usual 5 per cent. discount for cash for prompt payment. As there are at present, according to my calculation, 5,000,000% of calls continually in arrear, it follows that at present the 80,000,000% may really be almost considered to be realised on 2,000,000%, so that it might justly be calculated that with the 7,000,000%, properly applied large profit would result. I simply give the figures and estimates I have arrived at, by careful research, for the benefit of your readers, and will leave them to consider whether shareholders should not be compolled to pay calls when made, or to devise some other remedy. Newport, Oct. 13.

### LIMITED LIABILITY—ARTICLES OF ASSOCIATION.

SIR,—The opinion of your correspondent "A.P.," with regard to your editorial remarks of Oct. 3, can be proved to be erroneous in a very few words; and the many slips of the pen which occur in "A.P.'s" letter afford ample evidence of the difficulties which arise from an individual lawyer wishing to improve upon an official code of regulations which have been settled by the best lawyers in the land, and which are admitted to be ample to meet the requirements of 99 out of every 100 companies prosected, whilst in the case of the remaining company aspecial resolution of ample to meet the requirements of 99 out of every 100 companies projected; whilst in the case of the remaining company aspecial resolution of 20 lines would effect the necessary amendments. "A. P." observes:—
"Because certain companies have adopted articles which, to say the least, are of a most unusual character, that should not be used as a pretext to condemn all companies not conforming themselves to the Act." Let me tell "A. P." that if a company, registered with limited liability, does not conform itself to the Act, the shareholders lose the privilege of limited liability, and that all concurring in the illegal proceeding render themselves liable for the entire debts of the company.

tell "A. P." that if a company, registered with limited liability, does not conform itself to the Act, the shareholders lose the privilege of limited liability, and that all concurring in the illegal proceeding render themselves liable for the entire debts of the company.

I presume, however, that "A. P." intended to write "as a pretext to condemn all companies not adopting the Table marked A, and annexed to the Act." If so, I trust your readers will consider that I have already proved that the adoption of the statutory regulations gives them an amount of security which they cannot hope for from special articles drawn, invariably to meet the wishes of the promoters or vendors, and to afford the solicitor an opportunity of getting legal expenses. There is no connection between the drawing of a will and the adoption of Table A.; but if there were, I should remark that many families are ruined and reduced to beggary through the prolixity of a will rendering the ascertaining of the intention of the testator impossible, and thus leading to interminable litigation. "A. P." states that "Table A simply contains the fundamental principles upon which articles should be based; but, for the efficient working of a company, and the protection of its members from law-suits and difficulties, it is important that many additions and alterations should be made to suit the company for which they are intended." In reply to this, I will simply say that this is not the opinion generally entertained by lawyers not seeking to profit by drawing special articles. The permission given by the Act for special articles to be registered at all is probably the greatest evel which capitalists have to guard against, and when you caution capitalists to shun all companies that do not adopt Table A in its entirety, or with such modifications only as can be stated in the prospectus, I believe you give them advice, the value of which really cannot be over-estimated.—Oct. 15.

Lux Obscura.

### ROYAL CORNWALL POLYTECHNIC SOCIETY.

ROYAL CORNWALL POLYTECHNIC SOCIETY.

Sir,—I am thankful to Mr. Sidney Hodges for his letter in last week's Journal, because it defines his duties, and also the duties of the committee of management and judges. He has certainly cleared himself of any blame, although I beg his pardon as to my covertly imputing any blame to him; but when the committee decided on who were to be the judges they certainly did not take sufficient pains to ascertain that none so appointed had any models of their own to adjudicate on, or that they were all qualified to judge. That many of the judges were not calculated to decide upon mechanical inventions, the list published by Mr. Sidney Hodges fairly shows—vide, Mr. Sara's first Silver Medal for a plan invented many years ago by one of the Polytechnic's own secretaries. That Mr. Hodges is not to blame in the matter I am well aware; for he stated to the patentee when the model was presented for exhibition, "that it was an admirable thing, and he wondered it had not been invented by our engineers before." The judges were also rather unhappy in their conclusions as to the value of Mr. West's air-pump valve; for, singular enough, these two inventions (the boiler and the valve) have been in great request by practical engineers in different parts of England, and large sums of money have been offered for the patent right to use them.

An Engineer.

### CORNISH MINES, AND SUPPLIES.

CORNISH MINES, AND SUPPLIES.

Sir,—My attention has been drawn by an original letter of a "Cornish Miner's reason why Dolcoath Mine will not buy by tender;" and, although it is couched in very homely and local phraseology, it is not the less true in consequence. This miner's reason, I am sorry to say (and as your valuable Journal has truly and recently testified), that shareholders have, unfortunately, felt the injurious effects of so pernicious a system as individual adventurers supplying to their own benefit the machinery and materials used in mines, instead of submitting to public tender or competition. Yet I am happy to be able to record that there are worthy exceptions to this unjust system. I have lately returned from a meeting of the Wheal Caradon shareholders, and am happy to say there was no "Measter Williams" there, either up "steers" or down "steers," but all fair and above board; that is, it was shown that the supplies and materiel, used on this mine had been bought without favour at the lowest trade prices, and discount taken for cash. This subject having been so meritoriously mooted in the Journal, it only remains for shareholders of Cornish mines to make known their complaints through your liberally-conducted columns, to expose a system so injurious to one of this country's best interests.

London, Oct. 14.

A CORNISH ADVENTURER.

### MINE MANAGEMENT-SUPPLY OF MATERIALS.

SIR,—As an old adventurer in Cornish mines, and one tolerably well quainted with the prices of mining materials for the last 50 years, I have een struck with the similarity of tone and manner of placing this matter been struck with the similarity of tone and manner of placing this matter before the public, all and everyone of your correspondents seeming to have a wheelbarrow of their own to drive. Take, for instance, Mr. Bennett's letter, and I pass over the erroneous statement therein respecting the measurement of timber. Does he really believe that Wheal Buller, East Basset, Wheal Basset, West Basset, South Frances, Tincroft, Dolcoath, and other mines would be worth a single penny more than at present if they had been placed under the management of Messrs. John Taylor and Sons, or any other successful firm—in a word, would have been supplied with better and cheaper materials?—Oct. 15. Sperris Mundic Account.

### TENDERS FOR MATERIALS-CLIFFORD AMALGAMATED.

TENDERS FOR MATERIALS—CLIFFORD AMALGARIALED.

SIR,—We were all startled out of our propriety a few months ago to find our county member, Mr. Richard Davey, had suddenly left his parliamentary duties to come down to Corawall for the purpose of working out a reform in the management of these mines; and after a trial of strength by a regular voting on both sides, in which he came off second best, he threatened to be present at the next general meeting of adventurers, and insist on all materials used in these mines being bought by tender. We have since been looking out for the advertisements in the Journal asking.

That this would affact a great insist on all materials used in these mines being bought by tender. We have since been looking out for the advertisements in the Journal asking for tenders, but none have yet appeared. That this would effect a great saving in the monthly cost, as well as an improved quality of the materials, few will question, particularly if they adopt the mode or payment pursued by Mr. Tilley at Wheal Seton, and the mines commonly called Lyle's mines.—Carn Brea, East Carn Brea, North and West Basset, Great North Tolgus, &c.—that is, the merchants' bills are charged in the cost-book, and paid for every month, the same as the labour cost; and those mines would, undoubtedly, get a greater benefit of such quick payments if they also were to adopt the system of tendering, for merchants can well afford ad ar ot

he c-

tal rk-nd be nis, by ion the

au-its

ek's

rge

nish

able ortu-l ad-

just don iere, 1863

R.

ett's

they sons, with

T. ED.

to to

par-king ngth t, he and We

king great rials, rsued yle's North book, nines they

to sell their goods when they are sure of ready money, there being no fear of having to sue through the Vice-Warden's Court for the amount of their supplies, as is the case at present with regard to many mines in this district. By-the-bye, why do not the adventurers in Dolcoath and West Seton purchase their supplies by tender? Especially West Seton, where there is no "merchant committee" to gag and control the manager and shareholders. Surely the adventurers are not all concerned in the profits of supplies. I hope soon to see so desirable a change take place universally throughout the mines.—Redrath, Oct. 14. Vindex.

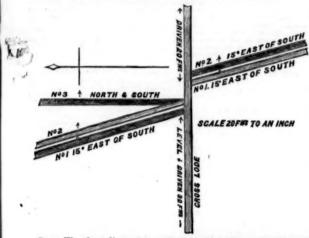
### THE EARTHQUAKE.

Sin,—As I have my misgivings whether the so-called earthquake is really the result of terrestrial disturbance, or simply caused by atmospheric influences, I should be glad if any copper or coal miner in Cornwall or Devon would state whether anything was felt of it underground.

North Wales, Oct. 14.

N. Ennor.

### PRACTICAL MINING-POSITION OF LODES.



Sir.—The above diagram correctly shows the position of lodes in a mine in which I was professionally engaged a short time ago, and I shall feel obliged by your allowing me, through the Journal, to ask one or other of your scientific readers to consider the matter, and, if possible, explain the phenomena involved therein. I take for granted that the east and west lode is the most recent of the group, and that all the dislocations occurred at the same period. No. 1, north of the junction, is the main lode of the mine, and has yielded large quantities of metal. No. 2 north is a large highly-crystallised quartz lode, and runs parallel with the main lode throughout the sett. No. 3 north is similar in many respects to No. 1, the only difference being that the latter has yielded about three times as much ore as the former. No. 1, south of the heave, is a strong, regular, quartz lode, running for 100 fathoms, at all events, parallel to No. 2, and agrees in every respect with the quartz lode north of the cross-course. No. 2 south is considered to be the same lode as No. 1 north, but in general appearance, yield of ore, &c., is more like No. 3 north. The last-named lode has not been seen south of the cross-course. The question I would like to have answered is, if No. 1 north be the same lode as No. 2 south of the cross-course, how can we account for the quartz lode being east of the main lode north, and west of it south of the fault?

\*\*REVY.\*\* No. 2 No. 2

### TIN IN SPAIN.

SIR,—In the Journal of September 26 I see another letter on this subject. If "Fair Play" will pay me a visit at the mines, I shall be happy to show him the lodes, and explain to him anything that may appear "a little strange."—Bibodaria, Orense, Spain. WILLIAM HUSTLER.

### [ADVERTISEMENT.]

### SEPARATING GOLD FROM ITS MATRIX.

Sin,—Your numerous readers, and especially the owners of the mines in Merionethshire, and wherever eise gold is supposed to exist, will be giad to learn that the Chemist of the Anti-Adulteration Society, in Easton-road, has lately directed his researches to obtaining the separation of gold from its matrix, by an entirely new and extraordinarily economical process, without the employment of mercury. Samples of gold quartz, ands, earths, &c., if sent to the office, properly labelled, addressed to the Chemist of the Society, No. 188, Euston-road, N.W., uncharged with expenses, will be treated and operated upon free of cost, and a detailed account of the results rendered to the senders. Samples should not be of less than 4 lbs. weight.

Avg. Frances.

188, Euston-road, London, N.W., Oct. 13. Secretary Anti-Adulteration Society.

### MINING IN ST. BLAZEY.

MINING IN ST. BLAZEY.

Sin,—The mines in this locality under the Treffry management are at present very poor, and I fear will remain so, unless there is some material alteration in the system pursued. No discoveries have been made for two or three years past in any of the mines, whereas it is my firm belief if they were worked in a practical manner they would not only become productive, but speedily resume their former dividends. Under the present working, however, they will assuredly all be stopped in a year or two. It is a great pity to see them in this listies, apathetic state. Good practical agents are then werkings, who could open excellent mines, and make discoveries; then why are they not directed to do so? I fa change were to take place in the management, St. Biazey would again shine in all its former glory. The day, however, will come when this locality will be proved as good for mining as any place in the county. A large portion of the district has been kept under leases by the Treffry estate lawing the majority of the shares in the different mines; like the dog in the manger, they will not work them nor let others do so. The landowners, however, are now weary of it, and will not grant again. The north part of Fowey Consols has been taken away from them, and is now working by a spirited company, composed of wealthy gentlemen. I am glad to say their prespects are very good, and under the present management in a short period it will be a dividend-paying mine. The lease expires in Fowey Consols with different lords this mouth. A few days ago one of them—Mr. N. Kendall, M.P.—went underground with his mineral agent, to inspect the mine. Mr. Kendall is a sound practical man, and will bind the adventurers in the new lease to prosecute tutwork, to sink shafts and winzes, and drive ends in his lands. By the adventurers carrying out these points, they will save the Old Fowey Consols from ruin. Much prales is due to Mr. Kendall for his miner-like energy. It would be well if all lords were to act likewise—not gra

### PENDEEN CONSOLS.

SIR,—As I shall not be able to attend the general meeting next week, will some share-holder ask the secretary when does the agent expect to out the great Fendeen lode? as he stated in his report of Dec. 27, 1862, he considered that the 82 north was then very near it; and Mr. Richard White stated in his report of the same date that he also con-sidered they were near the intersection, and that the end could not be far from this great lode. This end has since been driven about 35 fms., and no lode cut. Also, when will they resume sinking the engine-shaft? the agent having stated in his report of Oct. 25 they resume sinking the engine-shaft? the agent having stated in his report of Oct. 25, 1862, that they had then fixed a plunger-lift at the 143 fm. level, and done all preparatory work to resume sinking this shaft; but since that date they have not seen the bottom of the mine, although the agent also stated that the lode in the said shaft was 2 ft. wide, producing tin. Is the engine to the extent of power, or shall we, after completing the expensive fire-stamp, have to crect another and larger engine, in order to prove the mine in depth P If so, I am afraid that the extracts taken from Mr. White's reports of Feb. 18 last will hardly be found correct.

### WHEAL HARRIETT.

WHEAL HARRIETT.

Sign.—To the beavy expenses, and chiefly, I imagine, to the lamentable falling off in the quantity of tin raised and sold, may be traced the unfortunate result of the four months' working to the end of August. In May last we were led to expect a profit of 1000l. The actual profit was 44.6s. 3d. In the report for the late meeting the captain chopes, by persevering and driving the levels, to get an improvement before they exhaust their stopes." What an encouraging prospect is this, after the splendid promises of former days. "A change has "indeed "come o'er the spirit of our dream." Arguing from the results of the peak as compared with the "great expectations" held out, I fear the present balance to the credit of the mine will become "amail by degrees and beautifully less" by the end of the current four months, unless some marrellous change lazes by the end of the current four months, unless some marrellous change also place, and that soon. It is a significant fact that no aliusion has been made to the results of the peak as compared with the "great expectations" held out, I fear the present balance to the credit of the mine will become "amail by degrees and beautifully less" by the end of the current four months, unless some marrellous change takes place, and that soon. It is a significant fact that no aliusion has been made to the results of the peak and the soon is the summary of the control of the mine was loudly proclaimed. A gentleman, who professed to know every inch of it, stated that it was considered in the neighbourhood the fourth of importance in the district; he valued the tin discovered at 20,000t, but the captain at only 18,000t. On which some one said, "Yes; when you get it." "Bacretary corroborated this statement, saying—"There could be no doubt on the the matter; it was a simple A B C calculation." Now, since that "plying time of (peace) price" tin has been sold for 50321, so that there should be from 18,000t.

15,000%, worth still remaining. As there was no doubt whatever on the subject in January, there can be no doubt now; but it would be satisfactory to the shareholders to be assured by the authorities referred to that those statements and calculations were well founded, and have been of real value to them, and that the tin remaining in reserve is really worth (say) 13,000%, and not 1300%.

A SHAREHOLDER. Oct. 12.

### THE PWLL ROMAN MINE.

THE PWLL ROMAN MINE.

SIR,—This old mine has just been resumed by an influential company, formed in the neighbourhood privately. A good course of copper ore has already been discovered, and a part of it let on tribute. From all appearances, a great mass of copper ore has been lett in the sides, which will soon become available; indeed, parcels of ore will be in the market almost at once, and this will become a good paying property. Great discoveries are now making in the mines of Cardiganshire; the 39 west at Cwm Sebon is worth 601, per fathom; at Haton, 451; and at Pempompren there are good courses of ore just laid open. Particulars of this mine may be had by applying to Mr. James Lane, mining broker, as it is not in the market.

MATTHEW FRANCIS.

### WHEAL KITTY (St. AGNES).

WHEAL KITTY (St. AGNES).

Sir.,—I observe with pain the treatment of Capt. Richard Pryor, the manager of this mine, by some of the new shareholders. Surely the old adventurers have not forgotten the state of the mine when Capt. Pryor took the management. Their prospects, so far as the appearances of the mine went, were rulnous, and hundreds of shares wefe thrown up in despair. Now it is raised to opulence by that worthy manager he is to be thrust out of the counting-house, by one whose professions would have prepared us for other conduct than that which may be properly termed uncharitable, if not unchristian. What would have been said at the Pool tea-meeting if anyone there had been supposed capable of acting the part of "dog eat dog," and attempting to turn a worthy man, unceremonicusly, out of the means of maintaining a wife and large family so soon as he has raised a mine into good repute? But it cannot be that when the adventurers meet they will allow such a manifest injury to be done to their manager, who, I hear, is without blame, Oct. 13.

TASTI CARALION

### EAST CARADON.

EAST CARADUN.

EAST CARADUN.

EAST CARADUN.

Surprised at this, seeing that the ore in the winze below the 50 fell off, and from this the public infer that the ore is cut out. I know the mine and the district thoroughly, and I hold my shares firmly, under the conviction that the 60 fm, level has to be driven only a short distance east to get into the bunch of ore gone down ahead from the 50. The shoots of ore all dip east, and if the winze had been put down in the 50 some fathoms further ahead the ore would have held deeper, and if put down far enough ahead it would have held to the 60. Let the 60 east be pushed. There are bright days yet in store for East Caradon.—Oct. 15.

Mining Engineer.

### SOUTH CARN BREA, AND ITS MANAGEMENT.

SOUTH CARN BREA, AND ITS MANAGEMENT.

Sin,—I find that there is a meeting of shareholders in this mine to be held at the office in London, on Tuesday next. Now, as a large shareholder and a miner, I will beg, through the Journal, to call the attention of my brother proprietors to an idea which has struck me as to the best method of working this mine—that is, to confine the tutwork to sinking the mine to a great depth, to see if the two great this lodes will prove more productive in depth. This remark is not for the public, but for benefit of the shareholders. It is all very well to put the fault on the manager when a mine does not turn out to their expectation; but experience dearly bought should teach us (chareholders) that a very different course should now be adopted. I still have confidence in the manager, if held in check by the committee, and much greater confidence, where there are two such large lodes, only 27 fms. apart. Sink the mine deeper and I will increase my interest; pursue the present course and I will soil out.—Cornwall, Oct. 13.

A Shareholder.

### "LOOK AT HOME"-THE DEVON COPPER MINE.

"LOOK AT HOME"—THE DEVON COPPER MINE.

Sii,—As the opening of a mine in a comparatively new district must be matter of interest to all who advocate the development of the mineral riches of our native land, I renture to address a few lines to you with reference to the new set lately started in the parish of Okchampton; but I think, Sir, something beyond ordinary interest will be fest in the undertaking by all those who will take the trouble to go and see for themselves. They may there see a sight to gladden the heart of a true miner, and a sight which the most experienced mine captains and others consider a very remarkable one; indeed, they are unanimous in the opinion that such a lode has seldom, if ever, been seen in this country at surface. The lode is large and well defined, being 18 ft. in width, of which several feet carry large quantities of mundic and good copper ore, with a gossan, and every possible indication that a miner would wish to see, and it maintains this extraordinary character in all the points where it has been opened upon. Indeed, the lode even at surface is such as many a mine captain would be only too proud to ent at 70 fms. or upwards. So far as seen at present, it is considered to be of commercial value, and will already probably pay for taking away, and there is a strong belief that a very vast deposit of ore cannot be far off. There is a saying, and I believe never a truer one, that "mundic always rides a good horse." What a magnificent steed may we expect to see when we have thrown the rider out of his saddle, and sent him to market (for he his worth money); indeed, we have every reason to expect the steed will prove one of much "metal" and endurance. There are masses of mundic from ½ cwt. to ½ ton, and all kinds of copper ore, including traces of native copper. You cannot break a stone of the lode that does not contain copper, and some of rich quality and quantity. As for the expenses of development, they will, of necessity, be very trifling, inasmuch as the great crushing drawback

### CRICCETH SLATE COMPANY.

CRICCETH SLATE COMPANY.

Sir,—I see, by a paragraph in the Mining Notabilia in last week's Journal that an eminent engineer is about to visit this property. Now, I think the shareholders have had too many reports from eminent engineers, one of which have proved correct, as will be seen from the following extracts from the reports of "eminent engineers" published with the prospectus:—

Report, No. 1.—"This quarry possesses advantages scarcely to be equalled in the principality, not only from the great magnitude by the slate beds, but also from the judicious manner in which the works have been laid out, and, from their present forward state, within two months of the time of commencing operations a return of slates can be made, and a highly satisfactory dividend declared the first year."

No. 2.—"A very large sum of money has been expended, and the works are now in a position to be immediately carried on at a very large profit."

No. 3.—"During the first year from 5000 to 6000 tons of slates can be made, which, at the present price, will give a return of 12,6001. This, after deducting working expenses, and making ample allowance for all cost of management, will leave sufficient surplus to pay from 30 to 35 per cent. upon the capital invested."

No. 4.—"The quarry is so free from rubbish and so judiciously laid out, that I have never seen a quarry requiring so little outlay to bring it into profitable working."

No. 5.—"I was agreeably surprised at seeing that it was opened by three proper galleries, and that slate was uncovered in great abundance. A very large sum having been expended, you can commence making slates immediately."

Now, what is the result of 2½ years's working? Why, a large proportion of the capital is spent, and, according to the last balance-sheet, the quantity of slates made since the quarry has been at work is of the value of 16.1s. sterling. I carnestly call upon my fellow-shareholders not to be luiled into inactivity by the report of any "eminent enginer," furnished, perhaps, at the dictation

### "A TENDER SUBJECT."

Sir.—Why is it that the much-mooted proposal to obtain mine supplies by tender is such a "tender subject" in some quarters? It surely ought not to be so, because mine agents are supposed to desire merely to carry out the objects of their adventures with the utmost possible conomy for the proprietors—indeed, tender is the mode by which almost all other classes of adventures are supplied; why should mining be denied so safe and propers system? Does not the perusal of your correspondent's able and amusing letter, in last week's Joarnal, answer the question? It is painfully true—painfully amusing! I would venture to suggest that a Mutail Protection Society be at once formed, whose object shall be to promote the doctrine and practice of supply by tender; and if you would kindly give "Asinus," "Miner," and Mr. Dolcoath my address, I shall be happy to work with them for so desirable an object.

### ARTISTIC MINE REPORTS.

Sir.—In reply to the uncalled-for and ungenerous attack made upon me by Mr. John Watson, in connection with my management of Wheal Unity Consols and Great Retailack Mines, I beg to state that, whenever that gentleman deems it proper to convey his remarks in a definite form, and not under cover of a general denunciation, I shall consider it my duty to defend myself from any imputations that may be cast upon me. As to Mr. Watson's declaimer of having no animar against me, I decline to offer any comment, for obvious reasons. Suffice it to say, that I deem his assertions uncourteous, unjust, and incapable of proof—calculated only to prejudice where it certainly will fail to convince.—Prospect-place, Redruth, Oct. 15.

W. H. REINOLDS.

THE LINARES DISTRICT.—The upset price of La Cruz Mine, which has already been announced to be in the market, and which adjoins the Pozo Ancho Mine of the Linares Company, has been reduced from 600,000 frs. to 300,000 frs. The sale will take place at the Palais de Justice, Paris, Dec. 5. The advertisement will be found in another column.

another column.

A NEW IDEA, AND A GOOD ONE.—The Esmeralda Times, in speaking of the progress of the work upon the Stanford Tunnel, in Aurora, notices the following ingenious expedient for furnishing light for the workmen during the day time:—The tunnel, the most of the day, is worked without using candles. Mr. L. L. Deming, the financial secretary of the company and acting apperintendent, has found a more economical light—he uses the sun to work by. The tunnel is so admirably situated, and the cut being so yide, that it enables him, by the use of mirrors, to reflect the full rays of the sun quite in to the end where the men are at work, and it is so light that a paper can be read as easily as on the outside. The above tunnel is in about 150 feet, with an open cut at its entrance, quite large in extent and height. Miners in other localities, driving tunnels, will do well to profit by this hint. The light introduced as above is not only free of cost, but must be infinitely better than that derived from candies.—San Francisco Mining and Scientific Press.

IMPROVEN W AGER-PIPES.—Wrong-thi-iron water-pipes, lined and coated

### Meetings of Mining Companies.

### SOUTH CONDURROW MINING COMPANY.

A general meeting of proprietors was held at the company's offices, Broadstreet-buildings, on Monday,—Mr. Bell in the chair.

Mr. RANKEN having read the notice convening the meeting, the minutes
of the last were read and confirmed.

A statement of accounts for the four months, ending with costs for Aug.,
was submitted, from which the following is condensed:—

Call ...... 613 16 0

### OLD WHEAL NEPTUNE MINING COMPANY.

OLD WHEAL NEPTUNE MINING COMPANY.

A special general meeting of shareholders was held at No. 31, Bushlane, on Tuesday, Mr. A. ALISON in the chair.

The notice convening the meeting having been read,
The Chairman, in opening the proceedings, stated that the present meeting had been convened for the purpose of taking into consideration two propositions—the first was, whether the mine should be sold to a new company for a certain sum; and the second, supposing the first to be carried, was that the present company should be wound—up voluntarily. He might explain that, if these proposals were carried, the shareholders of the present company would secure an interest in the newly-formed company.

Mr. PULBROOK said he should now ask that the special resolutions, of which he had given notice, should be read. The resolutions referred to were then read. They were to the effect that, inasmuch as the notice convening this meeting demonstrates the want of success to be not in the prospects of the mine itself, but in the management and internal arrangements of the company, which the proposing parties in calling the meeting evidently consider could on a reconstitution of the company be rendered agreeable to all parties; and that inasmuch as it is possible to alter the constitution of the company to as ample an extent as by the formation of a new company, this meeting feels that it is the shareholders' duty to each other, by their mutual forbearance and conciliatory suggestions, to add and assist all in their power to place everything on a satisfactory footing to carry on the present company; that a committee be appointed (to be named at the meeting) to enquire what objections to the present company could be remedied by the formation of a new one, as proposed by Mr. Alison; and that this meeting, and the consideration of the business contained in the notice calling the same, be adjourned until ten days after the report of such committee has been made and circulated among the shareholders. He said he merely wheld these special m

selves in that direction they must get an assignment of the lease. It was certain they must atop unless they could get money—at present the balance of liabilities and assets was about equal.

The CHAIRMAN said that Mr. Harris had refused to assign the leases, and had referred the board to his solicitor, who had written to the effect that he had perused the various documents relating to the dispute, and demanding the assignment of the leases, but that he could not advise his client to make such assignment. The agreement between Mr. Harris and Mr. Alison, such as it was, had been fulfilled.

A SHARHHOLDER enquired if the agreement referred to was a personal agreement? The CHAIRMAN replied in the affirmative, and read the agreement, which was as follows:—"I (Mr. Harris) hereby agree to hand over 400 fully paid-up shares upon condition that Mr. Alison takes up 1000 shares in the (Old Wheal Neptune) company, and that Mr. Alison takes up 1000 shares in the (Old Wheal Neptune) company, and that Mr. Alison should re-assign 200 of the fully paid-up shares if the said shares are of the maket value of 101. each before 12 months from this date (Jan. 7, 1863)." He then referred to a minute of the directors, dated Jan. 19, 1863, whereby it was resolved "that in lieu of the present sub-lease of the mine, a general assignment of the lease be taken, and that the solicitor be instructed to carry it out without delay."

Mr. HARRIS said that the agreement just read was to this effect.—that he (Mr. Harris) agreed upon Jan. 7, 1863, to give the Chairman (Mr. Alison) one-fifth of the interest which he (Mr. Harris) held in the company, and for what reason? Why, that Mr. Alison should take 1000 shares for the general benefit of the company; or, in other words, Mr. Harris presented him with 10001, worth of shares to take 25001. worth. The CHAIRMAN begged Mr. Harris's pardon, it was for taking 3001. woyth of shares. Mr. Harris presented him with 10001 worth for share to taking the proposed to issue 4000 additional shares. A meeting of th

been the bone of contention between Mr. Alison and himself, Mr. Alison having been exceedingly anxious to get the property into his own hands.

A Sharkedden wished to know the reason that Mr. Polbrook had not carried out the terms of the resolution passed by the directors?——Mr. Pulbrook and not carried out the terms of the resolution passed by the directors?——Mr. Pulbrook had not carried out the terms of the resolution passed by the directors?——Mr. Pulbrook had not carried out the terms of the resolution passed by the directors?——Mr. Pulbrook explained that he propared to sak Mr. Alison if he would take up the 1000 shares he had promised to do, provided the assignment were made?—The Chairman: Most certainly not. He had aircady paid 32004, for the interest he held in the company.

Mr. Buckle could not see what beneficial effect would result from the formation of a new company, for they would have the same regulations, the same shareholders, and the same directors. Mr. Harris certainly possessed power enough to secure his election as director.——The Chairman said the advantage would be this—the old company having lost the confidence of the public, it was thought a new company would succeed in regarding it.——Mr. Buckle said the advantage would be this—the old company having lost the confidence of the public, it was thought a new company would succeed in altering of the name from Old Wheal Neptune to New Wheal Neptune: it appeared to him that no point would be gained.

The Chairman from the confidence of the public, it was thought a new company would would be gained.

The Chairman and the same from the proposition were carried out, 12,500? worth of shares would be divided pro-rate among the shareholders declined to take the shares, were the directors prepared to pay the shareholders feelined to take the shares, were the directors prepared to pay the shareholders feelined to take the shares, were the directors prepared to pay the shareholders feelined to take the shares, were the directors prepared to pay the shareho

pany could not be formed,—Mr. Harris suggested that a committe oted, by which means, be full confident, all difficulties could be removed by arrangement effected,—The Chairman would oppose that proposi-

posed new company could not be formed.——ar. already and the appointed, by which means, be felt confident, all difficulties could be removed, and a satisfactory arrangement effected.——The Chairman would oppose that proposition to the utmost.

A SHARMOLDER said it appeared that Mr. Alison was the stumbling-block between the lessor and the shareholders. If Mr. Alison would take up the 1000 shares, such of the other directors as bad motairesdy done so would, no doubt, take up the number promised, and so the company would be able to proceed.

Mr. Harma (in reply to a question) attact that, if the 4000 new shares were taken up, he would at once assign over the whole of the property.

The Chairman said nothing could be done until the assignment had been made.

Mr. Dhirewatre said the directors imagined they had a grievance is connection which the leases, and were determined not to act until that grievance had been removed.

Mr. Harms was quite whiling to do all that was wished, provided the capital was subscribed, or if the directors would pledge themselves to carry on the mine for twelve months.—Mr. Dhirewatre thought this condition could be undertaken, and Mr. Harris's rights reserved—the difference between i-18th and 1-20th in the dues.

The Chairman then read the following report:—

Oct. 12.—Yours of the 7th inst. came duly to hand. Trevelyan's engine-shaft is enlarged to the 46 fm. level, and the pitwork down to the 20. We cannot go below this without working our engine, the water being to this level. We have plenty of pumps to reach the 100, or bottom of the mine. All the additional pitwork that we shall want will be a plunger-pole and a wind-hore, which will be no great cost. We will scomp to seat other of the properties of the great cost. We will scomp leaven the looking lode, 2 ft. wide, and I quite agree with you that if the cross-cut was at a deeper point it would have a far better result. Enclosed is a list of ore sold at Neptune in 1512; it is very rich, and I think there is pienty to be had again if we g

It is very rich, and I think there is plenty to be had again if we go deeper.—E. HARVEY. A discussion then arose as to the competency of the directors to dispense with the services of the secretary or manager without the sanction of the shareholders at a general meeting; but it having appeared that the secretary had objected, for reasons stated, to earry out the instructions of the directors, and had also written a letter to two members of the beard, to the effect that he was desirous of resigning. It was thought that he had thus forfeited his claim—supposing he was desirous of testing the point, which, by the way, he was not—to have the question settled by the general body of shareholders. He stated that all he wanted was to be paid for the services he had rendered. It was arranged, with regard to the assignment of the lease, that the company's solicitor should confer with Mr. Harria's solicitor, with the view of effecting an equitable arrangement.—A vote of thanks to the Chairman terminated the proceedings.

### TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING. The Mining Share Market has become more active, and a fair amount of business appears to have been transacted during the week. This may, in a great measure, be attributed to the transactions in connection with the settlement. The usual fortnightly account took place on Thursday, which passed off satisfactority, the account being rather heavier than for some months past.

Several tuprovements in different mines have been reported, and the advance on copper will, no doubt, have a tendency to improve the market generally. Dayor Great Consols have been in request, and the advance on copper will, no doubt, have a tendency to improve the market generally. Dayor Great allower rates, and buyers scarce.—Wheal Basset and East Basset have been as resinitum prices.—Clifford Malcamater, Nanofiles, and East Cars Brea have been in fair demand, and freely dealt in.—Cook's Kitchens have been in request, and slightly improved,—Cambonne Yeans are in demand, and firm at present prices.—
Tincuort and Great South Tolgus have been done at lower rates, and freely offered.—South Frances continue heavy, with a lower tendency.—East Greenville and Wieal Greenville have been done at lower rates, and freely offered.—South Frances continue heavy, with a lower tendency.—East Greenville and Wieal Greenville have been done at lower rates, and freely offered.—South Frances continue heavy, with a lower tendency.—East Greenville and Wieal Greenville have been done at lower rates, and freely offered at lower rates.—What Horse have been in good request, at higher rates, whilst an enquiry for Chiverron Whal Rose has taken place at quoted prices.—North Cropty and Wieal Cropty have the dealt in at present prices.—South Cropty that the dealt in at present prices.—South Cropty that the continue firm at quoted prices.—Dales have changed hands at norminal figures.

East Lovelle have been rather largely dealt in, at improved rates, with every probability of a continuous rise: but sewards so inclinue firm at q

MARTHAS are heavy at minimum quotations.—Dirace water any other revenues are heavy at minimum quotations.—Dirace water and East Russell continue dat at present prices.

Marke Valley.—Salisbury shaft is in course of sinking below the 100; the 100 crosscut south is approaching the Rosedown lode, which will be intersected in about 6 or 7 inss. On Rosedown tode, the midway level west is yielding 5 tons of ore per fin., and the winze in the south part is also worth 5 tons per fin.—Fisher's Lode: That part in the 60 cross-cut south, for the breadth, is worth 6 tons per fin.; and a branch in the 80 cross-cut south, for the breadth, is worth 6 tons per fin.; and a branch in the 80 cross-cut is worth ½ ton per fin. Cross-cut are being driven in the 50, the 60, the 80, and 90 fm. levels, where discoveries are expected. All the other productive points are returning the usual quantities of ore, with more favourable prospects in anticipation.

WEST ROSEDOWN.—The engine-shaft is complete to the 16, and a plat in course of cut-ling preparatory to cross-cutting to the lodes. The new shaft is down 16 fins, from surface, in favourable ground. In costeaning in the south part of the sett, near the East Carndon boundary, they have discovered a very promising lode, and have resumed a cross-cut from the adit, and expect to intersect it shortly, the ground being favourable. West DEVON.—With a view to develope more effectually the north lode, a new boiler has been fixed, and the shaft drained. The bottom levels have been examined, where the lode is large and promising, the eastern end has been driven about 6 fms., and the western end 34 fathoms, by the side of the lode, and where cut into is of a very encouraging appearance.

is in fork, which will be worked away on highly profitable tributes;" and he adds, "this mine is likely to rival the great Botaliack and Levant Mines, possessing as it does the rich lodes of St. Just, one of which is worth for tin and copper no less than 807, per fin." With these acquisitions it is evident that only the erection of machinery is necessary to realise the anticipated results.

EAST WHEAL LOVEL: The following special report from a well-known agent, who inspected the mine on Wednesday, will probably remove the doabts and apprehensions caused by the mischlevous representations made by interested parties, with a view to induce holders to part with their shares:—"The shaft is in course of sinking vigorously, by six men, at 181. 102, per fathom, and the lode is worth full 1007, per fathom. The stopes in the back of the 26 are worth 801, per fathom, and the rise going up against the new discovery is worth 701, per fathom. The wines sinking on the new discovery, below the 14, is also valued at 701, per fathom. To keep up the present returns there are only two men employed in atoping. The costs for the quarter will be about 6001, and the returns over 14001. The mine never looked so well before, particularly as the discovery at Peter's is opening up very rich receivers, mone of which are being atoped. A little more than twelve months since the tin was cut in the shaft, which has varied from 201, to 2001, per fathom. Blace then they have sunk several shafts from surface, driven cross-cuts, and other necessary exploring work, with alterations in the machinery, and paid over 7001. to the shareholders, all of which have been discharged out of profits. Should these floory on the surface, and the receiver of the richest, in the country.

Should these discoveries continue another twelve months, the mine will open out one in the shaft, which have been discharged out of profits. Should these discovery and both of the mine as severy probability of a great and important change taking place in this mine. Exclusive of t

and that below are not so far west as the orey ground now being laid open, and in the event of its extending to the 20 and 40 fm. levels a very valuable run of rich ore ground will be opened.

From Mr. James Crofts:—The writer having, at great inconvience to his business in London, visited this week the Wrexham district, or such mines as have lately, or may soon, become great and lasting ones for the production of lead ores, has much pleasure in reporting upon such of them as more nearly concern his own connection, and foremost amongst them is the Tyely a Prostly Amalouant D Mines. The ore at present raising in considerable quantities is from what is called the new shaft, situated close to the boundry of the Caryrala Mineral Mines, which was established five years ago, and the capabilities of the Apostles lode are represented on the most moderate calculation at 100 to 120 tons of ore a month, and, being of firat-rate quality, the mines from this source alone would pay excellent dividends. However, the far-seeing promoters have added to it the setts called the Rock and West Minera, and, since the former is situated directly on the course of the great Minera lode, the expectations from this portion of the property are far beyond those even from the Apostles Mine, which is, besides, a rather direcunscribed sett, though it may take years to exhaust it. The second mine, West Minera lode, the Apostles, stamp the shares stoness valuable piece of ground, and, with these adjuncts to the Apostles, stamp the shares stoness valuable for investment, especially if procurable at a moderate price in proportion to present prospects. The Central Mineral, it will at once beseen, is, independently of its former large production of ore, which drove the shares to 7t., much benefited by the proximate operations on the Apostles' lode, which is, in fact, knocking at the door of the Central, and wanting to get in. This mine is at present driving cross-cats, where they are expecting to intersect the Apostles weekers deposited of ore. But

So, in heaville strate. It is easily a set of the act, and to all the set of the control of the set of the set

tricts, and distant only about two miles from the celebrated Providence Mines, that have given dividends for the past fourteen years, and are very rich at the present time. Wonvas Downs is now about paying costs in 968 shares only, and selling at a discount. There are great chances of a good improvement in the shares, while there is not mesh probability of their being lower, as they are well held, and the prospects of the mine are of a first-class character. North Minera is reported to have very much improved lately. I do not despair of yet seeing this a very prosperous concern, for I cannot believe that such large deposits of lead (as I have frequently seen in this mine) are entirely exhausted. I am rather inclined to believe that when the mine is further developed in depth very large quantities of lead will be discovered. In fact, such has been the character of the district, and, seeing the adjoining mine is now producing some 400 to 500 tons of lead per month, there is much yet that is good to be hoped for from this mine East Providence is very much improved, and will become a valuable property ere long.

From Mr. Georgee Batters:—The market for mining shares has been

EAST PROVIDENCE is very much improved, and will become a valuable property ere long.

From Mr. George Batters:—The market for mining shares has been very active during the week. West CHIVERTONS have risen to 501. The sale of ore for the month realised 12021, leaving a profit of upwards of 10001. The new 80-inch engine will be set to work to-morrow. The prospects of the mine were never so good as at present. At the meeting to be held on the 22d a dividend will be declared. On the intrinsic merits of the undertaking much higher prices must rule both for these shares and for Chivertons. Competent authorities assert that when the water is drained in the old mine the merits of Chiverton will be found closely alled to West Chiverton. Shares in these two companies have been the leading feature of the week in the mine market. Horse have been in considerable demand, and have reached 61. The mine is favourably reported on. North Choptrys have receded to 4%, 5. The sale of the for the month was 9 tons, at 681, 18s. The returns will increase, and the prospects are good. Nangurus have risen to 291, and Chiptons to 381, and close firm at quantions. Strones have failen to 1801, and no rully has occurred. BRYK Gwoga, 35, 362. Love Rakes, 4%, 5; and Billing, 17, 18, are all marketable at quotations, and bid fair to rise in price on the merits of the several undertakings. A discovery of importance has been made in Cans Bran Minz. Daake Walls are enquired for at 39a., 40a., and are deserving of attention.

From Mr. T. P. Tromas:—Having been in Wales since Friday last, I.

40s., and are deserving of attention.

From Mr. T. P. Thomas:—Having been in Wales since Friday last, I, am not able to say much as to the state of the market up to Wednesday evening: but I find my anticipations as to Wheal Hope, Central Minkha, and North Minkha were not far from correct. Wheal Hope shares are 61. to 61. 10s.; and, with the fact of their having a course of ore in the 75, think there is no doubt whatever of the shares going to 10!. West Chivekeron course of ore in the 60 was about 10 fms. long. In the 80 I am informed it was 90 fms. It must be observed that West Chiverton began to be productive at and below the 60, so does Wheal Hope. West Chiverton care is worth 171. to 194, per ton. Wheal Hope is 18!. If we care to judge from analogy, there can be no doubt or fear as to Wheal Hope. I advise the shares being bought. North Minkha: I have carefully examined this mine, and, although I cannot report such rich courses of ore as have been seen in the upper levels, I can analey say the mine never looked so well as it does now for making a permanent property. Shares are at all prices, from 5s. to 10s., and I predict that it will not be long before they are at par. Minkha Lukon: I have carefully examined this mine, and, attaffy me that they will soon be in a first-rate position for dividends. Central Minkha is valuable for what it will soon discover. Shares are 21. to 21. 10s., and good to buy. Cambonne Van Shares, as I anticipated, are good at 31, 5s.

seamons uses mine, and was very picased to see such fine courses of ore in and solic with the fine, level, anticolate to asizing the latter will soon to in a first-resis possible with the country of th From Messrs. VIVIAN and REYNOLDS:—The past week has been charac-

### FOREIGN MINES.

 Copiapo.—Checo Mine, Aug, 31: Estimated produce for July:—
 Quantity.
 Prics.
 Amount.

 First class dark ore.
 Quis. 448
 39.6
 \$4.00
 \$2016.00

 Second class ditto
 608
 18.5
 1.00
 972.80

 Third class ditto
 352
 14.5
 1.30
 457.60

inco-silite Jodo: The locid in the 28, west of Mill lofe, is 4 ft. wide, from which several streams of water are flowing.—Carvainal Mine: The shaftmen are putting in the preparation to find log, which we hope will be ready this weak.

Victor EMAKUEL.—Miggiandone, Oct. 6: The crusher and other machinery arrived safely at Genos from Hayle, and are now being passed through the Catom House. Our surface work has made condiderable progress since our last report. The lower or front wall of the water reservoir is nearly completed, and the two and being advanced. All the times for the water reservoir is nearly completed, and the two and being advanced. All the times for the water wheel is ready, and the between the legislation of Falconer's level is now worth 201, per fin. The end of Thompson's level yields good stones of ore, but not enough worth 201, per fin. The end of Thompson's level yields good stones of ore, but not enough worth 201, per fin. The end of Thompson's level yields good stones of ore, but not enough worth 201, per fin. The end of Chinton's level is at present poor. The new stopes in this level are worth 61, per fin. The other is the bottom of this level are worth 62, per fin. The other is the bottom of this level are worth 63, per fin. The other is the bottom of this level are worth 64, per fin. The other is a strength of the control of the research of the strength of the control of the strength of the stren

de-lica-d at con-here

t for-tated that from what pro-york-esta-ma-any k, he ment

onal

the

tmp,

mber

pump

alves,

ening

tage

n any

ently,

t the

cking

MINE ACCIDENTS.—At South Caradon, on Monday, Anthony Ball, il from a ladder to the depth of 170 ft., and was killed; he leaves a wife and fou illiden.——At Great Brigan Mine, on Saturday, Samuel Bawden, aged 40, died from juries received from a similar cause. Verdict, "Accidental death."

Injuries received from a similar cause. Verdict, "Accidental death."

HOLLOWAY'S OINTMENT AND PILLS—VEXATION AVOIDED.—This ointment is the most powerful agent for the healing of wounds, oid ulcers, indoient sores, and all strumous diseases of the skin, which, from local or cansitational causes, have hitherto resisted all ordinary modes of treatment. Holloway's Ointment rubbed upon the abdomen, and asked by a judicious course of these pills, acts miraculously on the digestion, and obviates all those obstructions in the mesenteric glands, known by the pallor, attenuation, and gradually increasing weakness of the sufferer. The combined effects of ointment and pills are irrestatible in all long continued-diseases, which ever produce diserrangement of the direction, circulation, and glandular system. Holloway's remedies are suitable for all ages and conditions, for all climates and constitutions.

### Mining Correspondence.

### BRITISH MINES.

ALT-Y-CRIB,—J. Hughes, Oct. 12: Deep Adit West: There is nothing new in this end yet, only the ground is getting stronger than it has been for some time past; there are spots of lead to be seen occasionally. I hope that we are not far from the junction, which I hope will turn a good result. We mean to sample about 10 tons of tributers' ore next Monday. We are preparing the horse-whim that was underground to be fixed at the tributers' shaft, on back of hill, to see if we can get the lead a little faster; this pitch is looking very well.

ore next Mooday. We are preparing the horse-whim that was underground to be fixed at the tributers' shaft, on back of hill, to see if we can get the lead a little faster; this pitch is looking very well.

BAGTOR.—W. Hosking, Oct. 15: At Prosper western engine-shaft we have commenced driving the 20 by six men, in which the lode is 1½ ft. wide, assuming greater compactness, and producing work of an improved quality for the stamps. At the 16, driving west from Prosper eastern shaft, the lode continues in the same state of productiveness as for many fathours past, yielding good work for the, and the ground has very much improved, yielding for rapid driving, and most favourable for the formation of mineral. We have two men stoping the back of this level, where the lode is of the same production as in the end. Our dressing pare is actively engaged, with a view to sending of our parcel of tin about a month hence.

BEDFORD CONSOLS.—Capt. Mitchell, Oct. 15: In the middle adit wast the north lode is at present small: we have just intersected a small branch crossing the end, to the east of which the lode appears to be opening out again, and letting out a little water. BOSCA WEN.—Thos. Trelease, R. Glies, Oct. 13: The lode in the 70, driving west of Hunter's shaft, is at present small and unproductive. The lode in the rise over this level is about 18 in. wide, with a little over, the value. The lode in No. 2 winze, sinking below the 60, west of said shaft, is 2 ft. wide, with spots of copper ore, but not to value. The lode in No. 2 winze, sinking below the 50, but shall soon commence sinking the said winze. The lode in the topse over the 60, west of said shaft, is 20 in. wide, worth 16f, per fm. The lode in No. 3 winze, sinking below the 50, is 8 in. wide, producing a little copper ore, but not to value. We have not yet intersected the canner shaft, sinking below the 60 being productive when reached. The lode in the open west of said shaft, is 20 in. wide, worth 16f, per fm. The lode in the past week we have cuanter shaft,

low the deep adit level, is 6 feet wide, and producing good stones of copper ore, or a very kindly appearance.

BRYNFORD HALL.—Thes. Pierce, Oct. 13: The old whim-shaft at Brynford ran in from top to bottom last Sunday morning. By sinking Page's shaft 29 yards deeper we shall reach the 100, and effectually remedy this mishap, which does not interfere with the other works. At Grainger's we have not the least change. Dunsford's sump, on Davice's vein, is very cheering, 1 ft. wide, full of saving stuff, and very likely to make a good paying mine. Milwr vein alters considerably for the better; the vein is fully 1 yard wide, composed of spar, calamine, and large lumps of ore of the best quality, and I am glad to say that this vein is of a high character, and has been very rich. My opinion is that many thousand tons of ore will be raised again very soon from this vein in this neighbourhood. We are stoping for ore both ends of the sump east and west; the vein is of good size and of the best character, yielding very good ore. We sold 7 tons of ore from Pwil Clai wask last week, at 12i, 15s. 6d., and 3 tons from Brynford wash, at 13i, per ton.

vein is of good size and of the best character, yieulus very good to reor from Pwil Clai wash last week, at 121, 15z. 6d., and 3 tons from Brynford wash, at 13t, per ton.

BRYN GWIOG.—F. Evans, Oct. 15: Everything is going forward as fast as it can be done. I see no difficulty in getting out the water, provided we get no more heavy floods.

BRYNTAIL.—J. Roach, Oct. 15: The ground in the cross-cut from new engine-shaft towards the lode is considerably easier for driving than it was last week, consequently I expect we shall reach the lode about the latter end of next week. Yesterday a small piece of lead ore was found in the level in Alit-y-gelliwood.

CAE FALI (Merloneth).—W. Griffiths, Oct. 12: In cross-cutting 3 fms. north from the addit level we have cut into a fine course of lead ore, very rich, from 5 to 6 in. wide. Another fathom driving will intersect the junction of the two lodes, when I expect some thing good to report.

CAE FALI (Merioneth).—W. Griffiths, Oct. 12: In cross-cutting 3 fms. north from the adit level we have cut into a fine course of lead ore, very rich, from 5 to 6 in. wide. Another fathom driving will intersect the junction of the two lodes, when I expect something good to report.

CAMISORNE CONSOLS.—Wm. Roberts, Oct. 13: The operations are as follows:—Driving the 50 east, on the caunter lode, by four men, at 61. 10s, per fathom. Sinking winze in the 33 west, on the caunter lode, by four men, at 51. per fathom. Binking the 53 west, on the north lode, by two men, at 61. 10s, per fathom. Driving the 20 west, on the north lode, by two men, at 61. 10s, per fathom. Driving the 20 west, on the north lode, by two men, at 61. 10s, per fathom. Driving the 20 west, on the north lode, by two men, at 61. 10s, per fathom. Driving the 20 west, on the north lode, by two men, at 61. 10s, per fathom. Driving the 30 cross-cut, by four men, at 134, per fathom.—Caunter Lode: The 50 is driven 25 fms. east of the last winze, and it has intersected Tindia's cross-course, where the lode at present is in a disordered state, sometimes producing good stones of oro, but not to value. In the winze, sinking under the 33 fm. level (down 6 it.), the lode is 1 ft. wide, producing stones of good ore—tribute ground.—North Lode: The rise in the back of the 33 is up 5½ fms., in the lode is 1 ft. wide, composed chiefly of capel and white spar. In the 20 fathom level, about 20 fathoms west of Tinda's cross-course, we are driving west on the north part of the lode, in order to get over the rise in the 33, so that a communication may be made for ventilation, &c. The lode in the end is at present small and unproductive. The 50 cross-cut is 66 fms. north of the caunter lode; our progress here is slow, in consequence of the ground being harder than usual. There are four men working two prices, one at 11s., and the other at 13s. 4d. in 11. According to the present prospect, we can hardly calculate to sample as much ore in the next as was sampled in the lat

enable us to resume sinking on the loce. At the North vigra, we sinington, and nenderforiant there are no aiterations to notice,

— T. Martin, Oct. 13: A trial made from the leader of the lode of No. 2A has produced this day 9 dwts. 8 grains of gold per ton. We trust shortly to get visible gold from this lode.

CARADON CONSOLS,—W. Rich, Oct. 13: The engine lode, in the 80 west, is composed of very kindly fluor-spar, with peach and mundic, showing a most promising appearance, and is increasing in size as we extend. In order to prove this east and west as quickly as possible, we are forcing on these ends by six men in each. The lode going east, and the ground near it, also look very encouraging, as we have the cross-course. There is nothing new of importance in the cross-cuts. The ground is still favorrable, and we are doing our utmost to extend these cross-cuts as fixt as possible.

CARDIGAN CONSOLS.—J. Sanders, Oct. 13: The copper shaft is now 9 fms. below the 10: I expect to get it to the required depth for the 20 in about a fortnight; the lode at the shaft is at present 15 cwts. or copper ore per fm. The stope above the adit, east of the winze, is yielding at present 25 cwts. per fm. The stope above the adit, east of the winze, is yielding at present 25 cwts. per fm. The stope above the adit, east of orepore shaft, is also yielding at present 16 cwts. or copper or the per fm. The stope above the last 26 fathoms driving; consequently, it is suspended for the present. Saturday last being our pay and setting-day, the following bargalins were set:—The 10 to drive east by six men, at 31. 10s. per fathom. To stope below the adit, east of the winze, by six men, at 41. per fathom. To stope above the adit, to prove the lode at that point, by two men, at 36. 10s. per found to the same character in the end as it has been for the last 26 fathoms driving; consequently, it is suspended for the present. Saturday last being our pay and setting-day, the following bargalins were set:—The 10 to drive east by six men, at 31. 10s

the 60, by four men, at 31, per fm.; we expect to hole this winze this month, which will open tribute ground. The 10, east of Dubban's shaft, by two men, at 51, per fm.; lode 12 in. wide, worth 61, per fm. King's shaft, on same lode, by four men, at 71, 10s, per fathom; lode just passed through a slide, now 2 ft. wide, and yielding some good ore. A winze sinking in bottom of the 50, east of King's shaft, by aix men, at 61, per fm.; we expect to hole this winze to the back of the 50 this month, when we shall be able to put tributer to work on our south lodes, and drive a cross-cut south to cut Trenow lode. No tribute setting this month. Our tribute department is looking much the same. CHIVERTON WHEAL ROSE.—James Phillips, Oct. 15: The lode in the end of the cross-cut east is better than ever. The water in the bottom of the level is strong, proving that we have a bunch of ore before us. In the western end we have a fine lode going down of rich sliver-lead ore. A winze will be sunk to prove this shoot of ore, and I have no doubt as to the result. We have set a cross-cut cont is intersect the new lode opened upon near Trethellan House, where we have a lode 3 ft. wide, containing splendid silver-lead to surface, which, by driving the cross-cut about 10 fms., we shall intersect 30 fms. deep. The engine-shaft will be forced on, and the 50-in. cylinder engine erected forthwith, so that not time shall be lost in bringing this mine into a profitable position.

CROOKHAYEN.—Capt. Higgins, Oct. 12: In the 40, driving south, the ground appears to be getting easier for progress. The lode in the pitch at east shaft has improved, worth 12!, per fm. for copper. There is no other alteration to notice since my last. CROWAN CONSOLS,—J. Seymour, Oct. 14: There is an improvement reported in the 20, at the Dumpling shaft. We have one shed up over the girls picking, and shall have one this week over the liggers. We have three machines at work jigging. Friday was our pay and setting day, and the following bargains and pitches were set:—

Institute division. The 80 fathsom level is driven west of the cross-out, on the sorth look, and producting good work for the, worth 1.61, per fathsom for tim. Beyond this can produce the production good work for the worth 1.61, per fathsom for tim. Beyond this driving the look contains more good work for the worth 1.61, per fathsom for tim. Beyond the faths of the production of the wines in still very large, but only the production of the wines in still very large, but on a proposition of the production of the production of the production of the production of the wines in still very large, but on a proposition of the production of th

stones of ore. In the 65 west the lode is 8 in. wide, with a little ore, but not to value. We have set a stope below this level, west of sump-winzs, where the lode is 8 in. wide, worth 45f, per fm.; the stopes over this level are worth on an average 14f. per fathom, it lings shaft is holed to the rise over the 43; we shall now cut down the rise a proper size for the shaft. The 12 east, on the north branch, is without change to notice. I consider that the prospects of the mine are considerably improved in the past week.

EAST THESKEEBY.—J. Nancarrow, R. Knuckey, Oct. 13; At the east shaft the men are engaged in stoping down a plece of ground near the shaft, that the water may be drained from the bottom. We have men now stoping both in the bottom and back; the lote locks quite as well as it did last week. The tinstuff is good, and we hope soon to report more particularly on the value of the lode. There is nothing new to report at the south shaft.

EAST WHEAL ELLEN.—R. Pryor, Oct. 9: I have set the following bargains to day:—A cross-cut to drive north of new shaft, by three men and three boys, at 4f. 10s. per fathom, fully belleving the main part of the lode to be in that direction, which will be found all in whole ground for 26 fms. In length; this cross-cut is behind the present end of fms. To stope down the lode in the side of the level, by three men and three boys, at 11. 15s, per fathom, where the lode is 2½ ft. wide, and worth 2 tons of ore per fathom; this stope is to the south of the old level, and worth 1½ for no fore per fathom; this stope is to the south of the old level, and worth 1½ for no fore per fathom; this stope is to the south of the old level, and worth 1½ for no fore per fathom; it will yield a large quantity of ore.

If or the last 42 fms. driving in this level there have been only about 6 fms. driven on the course of the lode, and should the remaining part of the lode now standing turn out as well as that we have taken down, which we have no reason to doubt, it will yield a large quantity of

yielding from 2½ to 3 tons per fm. The lode in the 65 east is also improving; it is 2 ft, wide, producing ore and tis, but not being out of the influence of the cross-course, we want to see at little more before we put a value on it. The lode in the 65 west is 18 in. wide, producing good stones of ore, embedded in quartz and prian, and looking very kindly. The lode is the stope below the 45, west of shaft, and east of winze, is worth from 80, to 161, per fm. The lode in the stope below the 35, west of winze, is worth from 81, to 161, per fm. The lode in the stope below the 45, west of winze, is worth from 81, to 161, per fm. The lode in the stope above the 45 east is worth full 151, per fm.—North Lode: The lode in the 46, sast of cross-course, is 15 is. wide, and worth from 81, to 15 is shown—a very kindly lode. In the western end, same level, we have met with a small cross-course that has disordered the lode a little, but which we are glad to say is making again on the western side, and next wesk we shall be able to say more about it. We are busy dressing, and we purpose to sell a parcel of the or shardoy.

EAST WIRAL MAITHLE cound, and the lode is of an fine interaction and profusable.

EAST WIRAL ALRIPAL COURT in the lode is 12 in. Will prove to be productive and profusable, with a little black oxide of copper ore. The lode in the rise in back of the 120 is 2½ ft. wide, composed of capel, quarts, peach, mundic, &c., the lode has 16 little with a little black oxide of copper ore. The lode in the rise in back of the 120 is 2½ ft. wide, composed of east the lode is 4 ft. wide, composed of east, quarts, peach, mundic, &c., the lode has false of filt in the lode is 12 ft. wide, composed of east in lode will again improve. In Hoper's rise in back of the 88, west of Mollard's cross-cut, the lode is 12 ft. wide, composed of east the lode is 7 ft. wide, composed of capel, quarts, peach, mundic, &c., it

inches tell instead of wheeting, which is much more coally and fixtones than using the wagon. We shall push on the drivages, and also stope away the backs, there being pelenty of ground to keep the stamp at fail works. We sold this week nearly 3 tons of tin. the produce of a little more than one month. On the whole, the mine looks kindly, and the produce of a little more than one month. On the whole, the mine looks kindly, and the produce of a little more than one month. On the whole, the mine looks kindly, and the produce of a little more than one month. On the whole, the mine looks kindly, and the produced of the cross-course chart, is from a to 5 ft. wide, worth \$1, per fm. No more look electromered in the cross-course chart, is 70 in. wide, apotted with copper ore; the tole in this level, east of the cross-course chart, is 70 in. wide, apotted with copper ore; the tole in the light was to the copy of the cross-course chart, is 70 in. wide, apotted with copper ore; the tole in the light was to the copy of the cross-course chart, is 70 in. wide, apotted with copper ore; the tole in the light was to the copy of the copy of the cross-course chart, is 70 in. wide, worth \$1, per fm. The tole in the wines chart in the waste chart in the copy of the

in and upwards. The weather has been against the control of the floors.

ared to go over the floors.

GREAT WHEAL BUSY.—Thos. Trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. trelease, E. Richards, J. Petherick, W. Trelease
GREAT WHEAL BUSY.—Thos. Trelease
GREAT WHEAL BUSY.—Thos.

GREAT WHEAL BUSY.—Thos. Trelease, E. Richards, J. Petherick, W. Trelease' Oct. 18: The lode in Harvey's engine-shaft, sinking below the 130, is 2½ ft. wide, yielding a little tin, but not of much value. The lode in the 130, driving east of the above shaft, is 5 ft. wide, worth 181, per fm.; the lode in this level, driving west of Offord's shaft, is 4 ft. wide, worth 181, per fm. for tin; the lode at this level, driving west of Offord's shaft, is 4 ft. wide, worth 181, per fm. for tin; the lode at this level, east of this shaft, is 7 ft. wide, worth 181, per fm. for tin; the lode at the 120, east of the latter shaft, is mall and poor. The lode in No. 2 winne, sinking below the 120, is 2 ft. wide, saving work. The lode in the 120, east of the latter shaft, is mall and poor. The lode in the 110, east of this shaft, is 9 ft. wide, unproductive. No change in the 70 cross-cut north since last reported. The south part of the tode in the winne sinking below the 50, west of Black Dog shaft, is sill producing good stones of copper ore, of a kindly appearance. We are still clearing the 36, east of Stone's shaft, but have not yet reached the end; the last 12 fms. of this clearing we find the backs stoped away, but whole ground in the bottom, which will be let on tributs.

GREAT WHEAL VOR.—T. Gill, F. Francis, S. Harris, Oct. 12: Metal angine-shaft is sunk about 2 fms. below the 174. In the 174, cast of Metal shaft, the lode is about 3 fms. below the 174. In the 174, cast of Metal abad, the lode is fine of the 164, cast of the satt of this point. In the 174, west of Metal shaft, we have cut the lead branch, which has disordered the lode; we expect that we shall have to drive a few feet further dew we shall get the lode defined. In the 162, driving east of Metal shaft, the lode is from 4 to 5 fact wide, and worth about 261, per fm. In the 162, driving east of Metal shaft, the lode is from 4 to 5 fact wide, and worth about 261, per fm. In the 164 is a fact wide, and worth 261, per fm. In the 164 is a fact wide, and worth 261,

when the 137, must of Proy's shaft, the looks is about 2 feet wide, not yielding good atoms of Unit that wrizes will soon open up the course of the that was in the 147, and the property of t

for the next sampling. On the whole, we consider our matter indeed.

NORTH BASSET.—T. Gianville, G. Davey, Oct. 14: In the 152, east of the flat-rod shaft, the lode is 18 in. wide, composed of spar, mundle, and stones of copper ore. In the 143, east of the flat-rod shaft, the lode is 3 feet wide, yielding 1 ton of copper ore per im. In the winze under the 132, the lode is 3 feet wide, worth 61, per fm. for tin. In Grace's shaft the lode is 4 feet wide, producing good stones of copper and tin ores. In the winze under the 102, west of Grace's shaft, the lode is 3 feet wide, worth 31, per fm. for tin. In the 102, west of Grace's shaft, the lode is 3 feet wide, worth 31, per fm.

the winse under the 102, west of Grace's shaft, the lode is 3 feet wide, worth 31. per fm. for tin. In the 102, west of Grace's shaft, the lode is 35 feet wide, producing a little copper and tin ores.

NORTH BULLER.—R. Pryor, W. Harvey, Oct. 10: The lode in the 100, cast of the engine-shaft, is still producing good stones of ore, and we shall commence on Monday next to cut through the remainder part of the lode, which is now standing to the south of the level, so as to ascertain its size and character. The ground in the 100 cross-cut, south of shaft, continues much the same, but letting out a little more water. The lode in the 78, eact of shaft, is at this time divided into two parts, each one producing stones of ers.—King's Shaft: We have not as yet cut the lode in the 84 cross-cut, but are daily expecting to do so. The ground in the 70 cross-cut, north of shaft, is not quite so favourable for driving, being mixed with hard spar. Nothing new in any other part.

NORTH LAXEY.—R. Rowe, Oct. 14: At the main engine-shaft we are now engaged in cutting a small lodge, and fixing pent-house 9 fms. below the 50; this is necessary, in order to draw with the machine at that point, and then start away to sink afresh under a "noi," so as to reach a 20 fm. level this time; the advantage of this is plain in every way, the lode shows unmistakably that it wants increased depth to abound in larger quantities of ore; and second, by going 90 fms., we shall so much more increase the high ground, or reserves for stopes upon an improving lode. Another important reason I have is this, in the 38 and 50 fm. level, shoult 16 fms. south of the shalt, there is a split in the lode; in the 50, however, there is a clear proof that the two parts are drawing together in depth, and at the present rate will units comewhere about from 15 fms. to 20 fms. deeper, in which case I am confident we shall have a lasting and productive lode. It will late the remainder of this month to complete the lode; and poin-hoose. We have to-day holed, the winze from

lead. The 28 to drive west, at 10f. 10s., producing 10 cwts. of lead per fathom. A tribute pitch in the bottom of the 45 yard level, at 4s, producing 25 cwts. of lead. A pitch in the bottom of the 15 ns. level, which will produce 25 cwts. of lead.

NORTH FOOL.—Jas. 5. Phillips, 3. Pops. Oct. 10: The new engine-shaft has been and the constant of the

the iode in the 30 cross-cut, north of this shaft. The lode in the 20, west of cross-cut, is worth 121, per fm.; and improving. In the rise in the back of this level the lode is worth 121, per fm.; and in the stopes, 61, per fm. The lode in the stopes below the 10 continues to be worth 71, per fm. Other parts of the mine are without change to notice since our last report.

PRINCE OF WALES.—W. Gifford, Oct. 13: In consequence of the weather being so severe, and the springs so very high, we are driven from sinking our adit shaft, the same being now 9 fms. deep—the proposed depth; would be near 10 fms., and I am sorry to say we cannot sink any further at present. I have put the men to drive the deep adit on Good Luck lode, until such time as we might return to sink the adit shaft. In driving the shallow adit, we are progressing very favourably, being now 15 fms. from mouth of same. As regards our copper one, we are waiting for Messra. Vivian's offer mouth of same. As regards our copper one, we are waiting for Messra. Vivian's offer mouth of same. As regards our copper one, we are waiting for Messra. Vivian's offer to the 7th of the 10 fm in 10 fm. The lode in the 60, east of Lculsa's, is worth for the and copper 51, per fathom for tim. The lode in the 60, east of Lculsa's, is worth for the and copper 51, per fathom for tim. The lode in the 60, west of Hill's shaft, is 4 feet wide, and worth 121, per fathom for tim. The lode in the 60, west of Hill's shaft, is 4 feet wide, and worth 121, per fathom for tim. The lode in the winze sinking below the 80, is favourable. The lode in the 30, west of Hill's shaft, is 4 feet wide, and worth 122, per fathom for tim. The lode in the winze sinking below the 80, is favourable. The lode in the 30, west of Hill's shaft, is 4 feet wide, and worth 132, per fathom for tim. The lode in the winze sinking below the 80, is favourable. The lode in the 30, west of Hill's shaft, is 9 feet wide, and worth 132, for other per fathom.

REDMOOR.—The stoper, of the 10 feet wide, and worth 132 fe lode 2 feet wide—nothing to value. The same level east has been driven 5 test; now driving by two men, at 40s, per fathom; lode producing stones of ore. We have commenced to drive a cross-cut north at this level by two men, at 40s, per fathom. Our object in driving this end is to intersect the civan course and any lode that may be in that direction. The 60, east of Ellen's, has been driven 3 fms. 5 ft.; now working by two men, at 30s, per fathom; lode poor. The cross-cut south, in the 40, has been driven 3 fms. 2 ft.; now driving by two men, at 43s, per fathom; lode poor. The cross-cut south, in the 40, has been driven 3 fms. 2 ft.; now driving by two men, at 42s, per fathom. The cross-cut north of Wilson's shaft, in Clowance adit, has been driven 2 fms. 4 ft.; now the 50 fm. level 2 fms. 3 ft. during the past month, and also Ellen's below the 70 fm. level 2 fms. 3 ft. during the past month, and also Ellen's below the 70 fm. level 2 fms. 3 ft. during the past month, and also Ellen's below the 70 fm. level 1 statom. These shafts are now suspended for the present until the flat-rod shaft on the caunter is down to the 40. We have 12 pitches on tribute, working by 30 men, at an average of 9s. 6d. in 14.

BOSEWARNE UNITED.—T. Richards, E. Carthew, Oct. 15: The ground at Glesler's engine-shaft, sinking below the 20; still continues favourable for staking. The 20 is driven 5 fms. west of the cross-cut: lode 2 ft. wide, containing so do stones of black and yellow ore. The lode in No. 2 winzs, sinking below the 10, is worth 64, per fm. for copper ore. The lode in No. 2 winzs, sinking below the 10, is worth 64, per fm. for copper ore. The board of the 10 is No. 1 winze, sinking below the 10, is worth 64, per fm. for copper ore. The boardary shaftmen have cut the plat, put in penthouse, and commenced sinking below the 10.

Silyzer New Per Bern, Oct. 15: The engine-shaft is down 6 fms. 3 ft. below the 40: the ground continues favourable, and fair progress is being made in sinking. The lode in the 40 north has improved duri

pitches are much the same as for some time past. All our surface work has been pushed on as fast as the unfavourable state of the weather will admit.

SORTRIDGE CONSOLS.—J. Richards, Oct. 15: In the 62 cross-cut north good progress is being made, and the ground continues favourable. In the 50, west of the ventilating shaft, the lode maintains a large size (4 feet wide), and good stones of ore are occasionally met with. In the 50, east of Stanton's cross-cut, on No. 1 tin lode, the lode is from 2 to 3 it. wide, composed of capel, mundic, quarts, and good saving work for tin ore. In the 50, west of Sinaton's cross-cut, on No. 1 tin lode, the lode is from 2 to 3 it. wide, and yields good stones of tin ore. In Rowé's rise, in the back of the 40, west of Gilbert's cross-cut, on No. 1 tin lode, the lode is 18 in. wide, consisting of capel, mundic, peach, and a little tin ore. In the 40, east of Gilbert's cross-cut, on No. 1 tin lode, the lode is from 2 to 3 ft. wide, and good stones of tin ore are being obtained therefrom. In White's rise, in the back of the 40 fm. level, on No. 2 south lode, the lode is small—1 ft. wide, and yields a little ore.

rise, in the each of the 40 m. sever, on No. 2 south long, the lone summing and yields a little ore.

SOUTH BULLER.—J. Hosking, Oct. 10: Hodge's shaft, sinking below the 50, is in better looking granite, and the lode better defined; it is about 5 in. wide, composed of white quarts, and producing occasional stones of copper ore. The 40, west of Hodge's, has a most promising appearance; the lode towards the back is 1 ft. wide, composed of beautiful quarts and chiorite, and producing rich stones of copper ore; the appearance of this end indicates a further improvement.

SOUTH CARADON WHEAL HOOPER.—Wm. C. Cock, Oct. 10: A slight change for the better has taken place in the character of the ground in the 90 fm. level cross-cut north this week.

basatified parts and chiorites, and producing rich stones of copper ore; the appearance of this end indicates a further improvement.

SOUTH CARADON WIELAL HOOPER.—Wm. C. Cock, Oct. 10: A slight change for the better has taken place in the character of the ground in the 90 fm. level cross-cuts north this week.

A. T. Glasville, Oct. 2: Tatwork satting: The flast-rod shaft to sink under the 108 fm. level, by twelve mea, at 361, per fm. The 108 fathom level to drive east of the flast-rod shaft, by four men, at 101, 10s. per fm. The 108 cross-cut to drive onto the flast-rod shaft, by four men, at 101, 10s. per fm. The 30 cross-cut to drive onto the flast-rod shaft, by four men, at 101, per fm. The 80 cross-cut to drive onto, by four men, at 111, per fm. The stopes in the back by fm. level, by four men, at 111, per fm. The 80 cross-cut to drive onto, by fm. level, by four men, at 111, per fm. The 80 cross-cut to drive onto, by fm. level, by four men, at 111, per fm. The 80 cross-cut to drive cast, by four men, at 71, per fm. The stopes in the back by fm. level, by four men, at 111, per fm. The 80 cross-cut to drive cast, by four men, at 71, per fm. The 80 cross-cut to drive cast, by four men, at 71, per fm. The 80 cross-cut to drive cast, by four men, at 71, per fm. The 80 cross-cut to drive cast, by four men, at 71, per fm. The 124, driving west of flast-rod shaft, the loods is 26. fm. wide, producing 6 tous of copper ore, worth should 11, per fm. In the 124, driving west of flast-rod shaft, the loods is 26. fm. wide, producing 6 tous of copper ore, worth should 11, per fm. and the ground more wide, producing 6 tous of copper ore, worth about 15, 10s. per fm. In the 105, driving east of flast-rod shaft, the loods is 37. fm. wide, producing 6 tous for per fm. and 125 feet wide, producing a titue level and 125 feet wide, producing a flat per shaft by flast per fm. and 125 feet wide, producing a flat per shaft per fm. and 125 feet wide, producing a flat per shaft per shaft per shaft per shaft per shaft per shaft per s

In the winze sinking below the 144, west of Billing's, the lode is 3 ft. wide, and producing a little tin. The lode in the 140 end, west of Bissoe Pool engine-shaft, has improved, now producing 2 tons of copper ore per fattom. No other change to notice in any other gart of the mine.

ST. IVES WIEAL ALLEN,—J. Nancarrow, J. Bryant, Oct. 15: In the 10 west we continue the driving north by the cross-course. The winze below is cleared up; it is down 8 teet; the lode is 9 to 12 inches wide, worth 37. per fathom. The lode in the 20 west is worth 77. per fin. The 20 east is worth 37. per fathom. The lode in the 20 west is worth 77. per fin. The 20 east is worth 37. per fathom. The winze below is worth 67. per fin. The 20 east is worth 37. per fin. The winze below is worth 67. per fin. The 20 east is worth 37. per fin. The 20 east 20 east 20 east 20 eas

er's o is The ack fm. ore o. 3

shaft, is 1 foot wide, good saving work for tin. The locks in the 10, east of Hollow's, is 16 in. wide, worth 5t, per fin. The lock in the 9t, east of Hollow's, is 16 in. wide, worth 5t, per fin. The lock in the 9t, east of Hollow's, is 16 in. wide, worth 5t, per fin. The lock in the winze sinking below the 70, east of Hollow's, is 16 in. wide, worth 5t, per fin. The lock in the 9th east of Hollow's, is 16 in. wide, worth 5t, per fin. The lock in the 9th east of Hollow's, is 16 in. wide, of good quality; saving work for tin. The lock in the 60, east of short tin. The lock in the 60, east of short wide, worth 4t, per fin. The lock in the 60, east of short wide, awing work for tin. The lock in the 60, east of short wide, worth 4t, per fin. The lock in the 60, east of short wide, worth 4t, per fin. The lock in the 60, east of short wide, worth 4t, per fin. The lock in the 60, east of short wide, worth 4t, per fin. The lock in the 60, east of short wide, awing work for tin. The lock in the 60, east of short wide, awing work for tin. The lock in the 60, east of short wide, worth 4t, per fin. The lock in the 60, east of short wide, and part of the lock carried in the 60 short, is 8 in. wide, asving work for tin.

TREVENEN AND TREEMENHEERE.—J. Medlen, Wm. Tippett, Oct. 14: The 140 fin. The 130 fin. level end is worth 7t, per fin.; the back to worth 5t, per fin.; the 130 fin. level end who have the lift got to work to night, when we shall be enabled to fork the water, and resume the slinking again and water in the 130 fin. level end we have not been able to short the engine-shaft below the 140 for the last week. The sumpmen have been engaged to fix by the tip-plain in new sump to take up the increase of water. We have the lift got to work to night, when we shall be enabled to fork the water, and the forking again shortly; water issues from twane the slinking again and the forking of the summary of the control of the

THE MINING JOURNAL.

I retarded in our underground operations, but have now just commenced driving on the look, with good bunches of ore in sizht, worth 2 tons to a fathom. No. 2 shaft is underwater, and is ampended until the whim is completed. At No. 3 shaft the are the water, and is ampended until the whim is completed. At No. 3 shaft the are the good leader. In No. 1 Rock Mine 16 yards are driven north-west, 5 mes, on the lode, a good leader. In No. 1 Rock Mine 16 yards are driven north-west, 5 mes, on the lode, a good leader. In No. 1 Rock Mine 16 yards are driven north-west, 5 mes, on the lode, a lotter of the property of the shaft 10 years of the

tinue working this level with two men, at 4f. per fm.; the lode is about 2 or xy, to mydth.—Surface: We received last Friday the stamp-heafs and came, which are now being fixed. The smity office and other buildings are completed.

WEST CONDURBOW.—F. Gilbert, Oct. 15: We have resumed the sinking of Killivose shaft with six men and three boys; lode in the shaft 3 ft. wide, composed of spar, peach, &c., and producing stones of mundic. The lode in the 36 fathom level, east of Furser's shaft, is 2% feet wide, consisting of decomposed grantic, spar, peach, and highly charged mundic. In the 24 fathom level, west of Killivose shaft, the lode is 2 feet wide, having more spar and less flockan than when last reported on. In the deep addit level, east of cross-cut, on Smith's lode, the lode is 20 in. wide, composed of capel, peach, &c., and conducting some good anyling work for tin.

mundle. In the 24 fathom level, west of Killivose shaft, the lode is 2 feet wide, having more spar and less flockan than when last reported on. In the deep add it level, east of cross-cut, on Smith's lode, the lode is 20 in, wide, composed of capel, peach, &c., fand producing some good saving work for tin.

WEST DEVON.—J. Donnal, E. James, Oct. 15: All being well, we shall connect the bottom pinner, and put it to work this week, after which we shall commence forking the water in the Orchard shaft, and at the same time put some men to work in the 40 fm. level on the north lede. The machinery is working very well.

WEST GREAT WORK.—S. J. Reed, Oct. 14: We are driving the cross-cut south from the new shaft by two men and two boys, at 30s, per fm.; no lode intersected since last report. We have driven east on No. 5, or Trescow Moor lode, about 6 feet; this is divided into two branches, each containing saving work for tin. I purpose driving west on this lode as soon as the platic completed for receiving the stuff. No. 4 lode, cast from the great cross-course, is 2 ft. wide, opening tribute ground. On the new, or No. 3 lode, west from Pauli's shaft, the lode is worth 4. per fm.; east, low quality stuff. We have ten men on tribute, and they are producing some good tinstuff. The horse-whim is received on the new shaft, which will facilitate our operations southward. We sold a parcel of tinstuff to-day for 41. 10s.

WEST GRYLLS.—John Curtis, John White, Oct. 14: Setting Report for the 10th inst.: The deep adit to drive east of the cross-cut, by four men, at 32. per fm.; the lode is 18 inches wide, worth for tin 44. per fathom. The 25 to drive west of Trevelyard shaft, by two men, at 34. per fathom; the lode is 10 inches wide, worth or tin 44. per fathom; the lode is split up at present, and in a disordered state. The 15 to drive west of the western shaft, by two men, at 34. per fathom to sink below the 25, by four men, at 47s. per fathom; the lode is split up at present, and in a disordered state. The 15 to drive west o

WEST WHEAL TREVELYAN.—J. Harris, Oct. 10: No tode has been taken down in Charles's shaft this week, the men being engaged casing and dividing the shaft from the 58, so at to throw the kibble to bottom as quickly as possible. I hope to have the lode taken down next week. We have cut into the tode at the 58 west from 4 to 5 ft.

sides in the closes must water. We have eat that it also as attention, a many water with the latest model in these with of good or, manual with being the lot, went of Charicra stand, it worth it to per fin. The ologous above the dis, went being the lot, went of Charicra stand, it worth it to per fin. The ologous above the dis, went bloom of Charicra stand, it worth it to per fin. The ologous above the dis, went of Charicra stand, it worth it to per fin. The ologous above the dis, went of Charicra stand, it worth it to per fin. The ologous above the dis, went of Charicra stand in the control of the c

shall set more tributers to work in this part in about a month from this time. The enginemen are engaged in putting the engine together, and we expect to set it to work on the 14th of next month. In the deep adit sed east the lode is unproductive.

YARNER.—R. Barkell, Oct. 14: There is no more lode seen in the cross-cut in the 50, and the ground is without change to notice. The 50 west is still yielding saving work, the sed is looking kindly, and is very wet. The 50 east is opening some good ground for stoping; the end is worth fully 2 tons per fathom, and is looking very promising. The pitch in the 30 is worth 2 tons per fathom, who have now a full supply of surface water, and intend to put the wheel to work in a day or two.

### THE MARAZION DISTRICT-No. I.

About two miles north-west of the town of Marazion, operations were undertaken to discover the Wheal Darlington lodes, about ten years ago: from the situation of the mine, being surrounded by water, the engine was inadequate to drain the mine effectually. In course of the operations a from the situation of the mine, being surrounded by water, the engine was loade was discovered which yielded silver ores of great richness—worth from 500l. to 1500l. (it is reported) per ton; but the copper lodes were not discovered which were so very productive for copper some 25 or 30 years ago; previous to these operations these lodes yielded very large quantities of tin. About three-quarters of a mile east of this mine was Wheal Chippendale; operations were carried on for some years on two lodes, which yielded several thousand pounds value, principally grey carbonate copper ore, but by reason of the sett being so small, and the owner of the adjoining land demanding the now enormous rate of duss—1-12th—the mine was abandoned. East of this, about one-quarter of a mile, is West Wheal Virgin, rich for tin to the depth of some 40 or 50 fms., but copper making its appearance in the bottom of the mine (termed in those days "poder"), and being destructive to tin, the mine was abandoned. About an equal distance, east of this mine, is Wheal Rodney, discovered in the year 1825, and wrought to the depth of 90 fms. under the adit, or day level; this mine yielded an abundance of rich yellow sulphuret copper or at one period about the 80; the course of ore was upwards of 6 ft. In width; one parcel of this ore, valued at 1600L, was assayed, and found to contain 800L worth of gold. East of this mine is the Tegurha Downs Mine, but partially wrought; and about half-a-mile east of these mines is the old Owen Vean Mine, which yielded immense returns of grey and yellow sulphuret copper or east of the richest quality. At one period this mine was reported to be enormously rich; the course of ore must have been of immense width, from the excavations resembling large caverns more than lodes. North of this great copper lode, about 30 fms., was an immense quantity of the found, termed at that period a flat, but more recently a carbona, the returns from which was so great that the Stannary laws were first framed, in the year 600, and t overed which yielded silver ores of great richness-worth from

### NEW INVENTIONS.

PROVISIONAL PROTECTION for six months has been granted for the following:—
E. DROKER, Liverpool.—An improved mode of manufacturing gunpowder, suitable for war, mining, and general purposes. Sept. 24.

A. Firth, Bradford.—Improvements in furnaces for heating wheel-hoops, applicable also for other similar purposes. Sept. 24.

P. Spence, Manchester.—Improvements in the production of sulpho-cyanide of am. J. Webster, Birthingham.—Improvements in utilizing the waste flux from galvanising monium and other sulpho-cyanides. Sept. 24.

J. Spence, Portsmouth.—An improvements in utilizing the waste flux from galvanising of metallic and other surfaces. Sept. 26.

J. Spence, Portsmouth.—An improved plastic composition, applicable to the coating of metallic and other surfaces. Sept. 26.

G. ELLIOT, Betley Hall, Stafford.—Improvements in proparal supports in coal and LETTERS PATENT have been issued during the past week for the following:—

W. CLARE, Chancery-lane, London,—Improvements in separating ores from their gangues, and in apparatus for the same. April 11.

P. P. BALY, Adelphi, London.—Improvements in bardening and colouring gypsecus limestone and sand and calcarcous stones. April 14.

C. W. and F. Siemens, Great George-street, Westiminster.—Improvements in furnaces which are principally applicable to the smelting of iros. April 18.

H. DONALD, Johnstone, Renfrew.—Improvements in machinery or apparatus for bending or straightening motal plates. April 21.

J. M'Parlann Gray, Liverpool.—Portable apparatus, or instruments, for rivetting-caulking, chipping, and otherwise operating upon and treating metals and other surfaces. May 1.

J. H. JOHNSON, Lincoln's Inn-fields, London.—Improvements in the manufacture of

mg, chipping, and May 1. faces. May 1.

J. H. JUINSON, Lincoln's Inn-fields, London.—Improvements in the manufacture of Wrought-fron and steel, and in the apparatus to be employed therein. May 5.

W. CLARK, Chancery-lane, London.—Improvements in coating wrought or other iron, to protect it from corrosion or oxydation. May 8.

H. BENNETT, Salop.—Improved apparatus, or mechanism, to be used for facilitating the probability of from. May 18.

H. Binnert, Salop.—Improved apparatus, the pudding of from. May 18.

LIST OF SPECIFICATIONS published during the week ending October 4:—
Treating and applying steatite, 4d.; manufacture of cast-fron pipes, 4d.; arplates for ships, 8d.; apparatus for raising sowage and water, 4d.

L. DE FONTAINEMOREAU, Patent Agr

DREAU, Patent Agent.

IMPROVEMENTS IN THE MANUFACTURE OF LEAD.—We have already alluded to an invention patented in 1861 by Mr. Jabez Jones, of Liverpool, and in the Mining Journal of Jan. 17 of the present year we published an illustrated description of the apparatus employed. Mr. Jones has since patented some improvements in detail, which experience has convinced him to be necessary. The improvement consists—First, in closing the top of the vessel containing the moiten metal, or amalgamation of metals to be formed into sheets, and causing it to move on the piston by hydraulic power, in place of moving the piston as described in the former patent, and in forming the piston hollow, and in fitting the dies or knives in the head thereof in place of on the top of the container, as before, so that the sheets may be delivered in a downward direction. In some cases he has found it destrable to fix the piston or ram above the container, and elevate the container so as to force out the metal to be formed into sheets, through knives or dies fitted in the bottom of the container, or the knives or dies may be placed in the sides or sides of the container near the bottom thereof. And, seecondly, in passing the sheets as formed through a bath of moiten tin, tar, or other suitable material in such a way that they may be coated therewith on one or both sides when so required. And, lastly, in forcing out the moiten metal to be formed into sheets from the container through suitable dies, in the form of a cylinder or pipe, and when to be coated on now rebut sides through a bath of tin or other suitable substance, and receiving it on a maundril or otherwise, and cutting it open by a fixed or moveable knife or saw, or their mechanical equivalent, and flattening it out by means of roilers, or in any other convenient way. When the sheets are to be coated on both sides it is preferred to cut and open out the pipe or cylinder before passing it through the bath of the material it is required to cover them with.

Production and Generation of Gas.—Mr. J. C. Je

and other material it is required to cover them with.

PRODUCTION AND GENERATION OF GAS.—Mr. J. C. Jeffcott, of Cork, has patented some improvements in the production and generation of gases, and also in apparatus connected therewith: The object sought to be obtained in the production and generation of gases by the invention consists hiely of utilising the heat not used, or which escapes without being used, in steam or where furnaces and fire-places of every description. The means to do this consists of invoducing into or placing within the furnaces or fire-places vessels of various forms, according to the construction of eald furnaces or fire-places vessels of various forms, according to the construction of eald furnaces or fire-places vessels of various forms, according to the construction of eald furnaces or fire-places vessels of various forms, according to the construction of eald furnaces or fire-places, or sat at the eald heat may be used; these vessels, retorts, or chambers must be formed and placed and correspond with the form of the furnaces or fire-places or the use of the this or other purposes. The form to be generally used will consist of a retort or retorts to be placed lengthways or at the sides, or as may best suit the fire-bars of the different fire-places; these retorts or other vessels will have mouth-pleces or covers are to be introduced the animal, vegetable, or unineral substances from which the different gases are to be obtained, by their cohealiveness being destroyed by the heat before referred to, and not hitherto used for this purpose. The gases after being set free in the retorts, chambers, or other and vessels, are then conducted by pipes in the way usually done, and applied to and for the different purposes for which they are now used. He likewise claims to be the inventor of a new description of furnace for these purposes, the gases after belay at the cohealive. description of furnace for these purposes, to be entirely composed of wrough to creat metal and this consists of—first, a fire-place, with fire-bars on which the combustibles or heat ing aubstances is to be placed, the chamber, retorts, or reseals for holding the different materials rich in the different gases; these chambers, retorts, or other vessels to have the mouth-pleces for introducing the substances to be used, and then another casing the placed over the entire, so that the heat may be prevented from excepting when the gases are disengaged, to be conducted by pipes in the usual manner. Lastly, Mr. Jeffoot proposes a new system of lighting and heating railway carriages, and the different will be different with the conduction of the conductive to the conductive that the conductive the conductive that the conductive the conductive that the conductiv be placed over the entire, so that the heat may be prevented from scaping when the gases are disengaged, to be conducted by pipes in the usual manner. Lastiy, Mr. Jeffoott proposes a new system of lighting and heating railway carriages, and the different railway attations along the different lines; he effects this by an apparatus first composed of a cast-iron or clay retort placed in the furnace of the locomotive, and the gas obtained from coals and distilled in the retort by the heat of the first them being used for generating steam is conveyed by pipes or tubes composed of metallic substances, or of India rubber, gutta percha, or other fiexible materials, to the tank and gasholder containing the purifying water, as aforesaid, attached, annexed, or placed near the engine; it is then conveyed by tubes or piping to the carriages, and by the action of the gas when ignited on metallic plates, or the agency of a gas-stove, the compartments of the carriages are heated and lighted. On the arrival of the engine, as aforesaid, is conveyed by pipes to a gasholder erected at the station, when it is ready for use.

### WEATHER PREDICTIONS.

SIR,—The weather will remain mild (with the exception of some light osts of brief duration) until nearly the end of December. From the preat to the end of the month the weather will be changeable, with strong inds about the 19th, 20th, 23d, 24th, and 30th inst., as foretold in my is letter in the Journal.

George Siephten, C.E., Author of the "Climate of England."

LONDON GENERAL OMNIBUS COMPANY,—The traffic receipts for the cok ending October 11 was 11,144, 8s, 5d.

STATISTICS OF THE IRON TRADE.

STATISTICS OF THE IRON TRADE.

The Supplemental Sheet accompanying this week's Journal contains an elaborate table, compiled from the official returns of Mr. Robert Hust, F.R.S., by Messrs. Lockhart and Co., of Liverpool, and showing, with respect to Scotch pig-iron, the price of mixed numbers each month for the past eighteen years, and the average for each year; the shipments to foreign parts, indicating the destination, and coastwise during the same period; and the particulars of production. The statistics relative to the English pig-iron market are equally comprehensive. Messrs Lockhart and Co. remark, that it may be noted that the production of pig-iron in 1862 shows an increase over any previous year, although the iron trade was depressed during the greater part of the year, and that the additional production arose from the increased average production per furnace. These statistics reach to Dec. 31., 1862. The only reliable statistics of a later date are of the furnaces built and in blast in Scotland, on Sept. 1, 1862, there were 175 furnaces built and 118 in In Scotland, on Sept. 1, 1862, there were 175 furnaces built and 118 in blast, whereas on Sept. 1, 1863, there were 175 furnaces built and 118 in blast, whereas on Sept. 1, 1863, there were 175 built and 126 in blast; and in Cleveland there were 79 built on July 1, 1862, and 54 in blast, whereas on July 1, 1863, there were 80 built and 63 in blast. It is stated that the weekly production in the Tees and Tyne district is now 17,000 tons, and weekly production in the Tees and Tyne district is that it is likely to be 20,000 tons by next summer.

CHEMISTRY IN THE ARTS AND MANUFACTURES.—The portion of the new edition of Dr. Knapp's well-known treatise, entitled "Chemical Technology; or, Chemistry in its Applications to the Arts and Manufactures," containing the second series of the articles on Acids, Alkalies, and Salts, by Dr. Thomas Richardson and Mr. Henry Watts, has just been issued by Mr. Baillière, of Regent-street. The article "Chlorine," commenced in the previous part, is concluded, whilst able dissertations on Potash, Iodine, Bromine, Alkalimetry, Soap, Railway and Wagon Grease, and Glycerin, complete the volume. Although the work before us is issued as a second edition of the original, because Dr. Knapp's principle of grouping kindred manufactures has been adhered to, it is undoubtedly entitled to all the honour of a new book, for the labour of producing it has certainly not been less than it would have been had Dr. Knapp's work never been issued. The principle of the arrangement is acknowledged to be excellent, and Messrs. Richardson and Watts have displayed very great ability in developing it. We shall refer more fully to the several articles on a future occasion.

New Explosive Compound.—Mr. F. M. Ruschhaupt, of Berlin, has

loping it. We shall refer more fully to the several articles on a future occasion. New Explosive Compound.—Mr. F. M. Ruschhaupt, of Berlin, has invented an economic compound, which is neither explosive nor poisonous, and which has a greater expansive force than the fulminate of mercury now used. Neither phosphorus, sulphur, mercury, nor other corrosive or poisonous ingredient is employed in the compound, which is consequently neither unhealthy to work nor dangerous to handle; and yet it will explode with the slightest stroke of the hammer arranged for exploding it. The ingredients can be transported separately, and may be readily mixed by a simple mechanical arrangement. When mixed its explosive properties are complete, and the compound is then ready for ignition. The ingredients can be mixed and filled into caps and shells with perfect safety; and the powder, although less costly than ordinary fulminates, has the advantage that caps filled with it are not corroded, nor is the nipple of the gun oxidised by the use of caps charged with it.

the advantage that caps filled with it are not corroded, nor is the nipple of the gun oxidised by the use of caps charged with it.

COPPER AND SILVER MINING IN NEW SOUTH WALES.—The prospects of copper mining enterprise in New South Wales appear to be rapidly reviving, the discouraging aspect proving to be quite temporary. There are now about 130 persons employed, either at or in connection with the casestion of the open cutting, from which some very good ore is being raised. On the other side of the creek eight new shafts are being put down, and in three of them lodes have been cut. In one a good lode of black ore was cut at 12 fms., and some malicable copper obtained; in the other two cases the prospects are good, and the lodes well defined. The persons employed on the works speak favourably of the future of the mines, and the news is halled with satisfaction in Orange. The company are carrying on the works at the Canbilas Mine with vigour; but of late the ore obtained has been of low percentage. Expectation is entirely directed to the new workings on the opposite side of the creek, and there is reason to believe it is well founded. The recent discovery of black ore is viewed by the miners with much satisfaction, considering it as they do an carnest of good results. The want of postal communication with the mines is much felt. There is some talk of re-opening the Ophir Copper Mines, which, in consequence of the high price of labour shortly after the gold discovery, were abandoned. This, together with Mr. Lane's mine, at Corniah Settlement, if opened, would prove of great service in developing the mineral resources of the district. They would form an outlet for surplus digging labour, which now might be had at a moderate rate. A constant stream of the right kind of labour might also be relied upon. The wealth of the district for copper, as well as for gold, yet remains to be proved. Some intelligent miners from the Lachian district consider that Orange is the centre of one of the richest gold regions in Austral

The last accounts from California contain an announcement of the sale of the New Almaden Quicksilver Mine to a combination in New York or Boston for 350,000l., of which the following details are given in the New York Journal of Commerce:—" The most notable transaction of the period under review is the sale of the New Almaden Quicksilver Mine to an eastern company for the sum of \$1,750,000. The terms have not yet fully transpired, but are understood to be substantially as follows:—\$250,000 payable in cash (gold), \$750,000 in the course of the next two months, and the remaining \$750,000 in twelver months; the deferred payments to be covered by the transfer shares of the capital stock of the new company to the amount of \$2,250,000, and the new company to have immediate possession. We are informed that a new and rich 'labor' has recently been discovered in this mine, adding much to its value. The price at which the sale was effected cannot be regarded as an adequate consideration for this valuable property, but was accepted, we learn, in view of the contingencies of protracted litigation overshadowed by hostile political influence."

COMPOSITION DEEDS.—It has been held by the Court of Common Ple in King v. Randell, that the amount of secured debts should be taken into secount in emating the majority of three-fourths required by section 192 of the Bankruptcy 1861, to make a composition deed binding on non-assenting creditors.

1861, to make a composition deed binding on non-assenting creditors.

DEED OF ARRANGEMENT.—A new and rather important point arose lately before the Lord Chancellor, in re Josephs, as to the effect of a power in a deed under the Bankruptcy Act, 1861, to pay certain creditors in full. The case was heard on appeal from an order of Mr. Commissioner Fane, declaring a deed invalid under the 192d section of the Act of 1861. There were several objections urged to the deed, the principal of which was that by it the trustees were empowered in their discretion, out of the assets assigned, to pay creditors under 10t, their debts in full. The Lord Chancellor said the power being discretionary only, the validity of the deed was not affected by it; but inasmuch as it was repugnant to the duty of the trustee, as declared by the rest of the deed, it was a power that could not be exercised. This decision is regarded as one of much importance in these "deed" cases.

DISTRINGAS ON STOCK.—The case of Wilkins v. Sibley, before Vice-Chancellor Stuart, was one where a trustee of a sum of stock, having also a beneficial interest in an undivided molety of the fund, assigned his molety, by way of mortgage; and the mortgage caused a distringas to be placed on a molety of the fund. Afterwards the trustee fradulently sold out the other molety, and absconded. It was held that the molety upon which the distringas had been placed, being at the time of the assignment subject to the equitable rights of the plaintiff, was not relieved from the equity which attached to it before the distringas was issued.

"ONE CALENDAR MONTH."—The Court of Queen's Bench decided, in the action Freeman v. Reed, that in legal acceptation a calendar month means the time between a day certain in one month to the same day of the month in the next month. Where a statute requiries a notice to be given "one calendar month at least" before action brought, and the plaintiff gave such notice on April 28, and issued a writ on May 29, he was held to have given due notice.

SOLICITORS TO PUBLIC COMPANIES,—In re the Phoenix Life Assurance Solicitors to Public Companies.—In re the Phoenix Life Assurance Company, before Vice-Chanceller Wood, an important question was raised as to the right of the solicitors of the company (which is in course of winding-up), to be allowed certain costs claimed by them in respect of actions brought and defended on behalf of the company, in reference to marine insurance business, which had been already held to have been ultra vires; and the Vice-Chancellor decided that where a company engaged in a business not authorised by its Deed of Settlement, and the solicitors to the company, knowing that the business was unauthorised, were employed by the directors to bring an action, and to defend other actions in respect of claims arising out of the unauthorised business, the solicitors must be considered with respect to such actions as the solicitors of the directors, and not of the company, and that they could not prove for their bills of costs upon the company's assets. His thonour said, that without laying down any rule, that every solicitor was to be considered aware of all the consequences of acting in matters which might or might not be within the scope at a company's powers, he might say that solicitors appointed by the directors of a company were retained on behalf of the company, and were not the mere servants of the directors. On the contrary, it was their daily to advise the company to adher to the regulations of the Deed of Settlament,

With this week's Journal we give a SUPPLEMENTAL SHEET, containiag some highly interesting particulars respecting the Coal Measures of New South Wales; the Red Indians' Mining Works on Lake Superior; the Statistics of the Quarterly Sales of Lead and Silver-Lead Ore, Blende, and Black Tin; Measrs. Harvey and Co's. Prices of Materials; Cornish Pumping-Engines; Mining in Missouri; the Tunnel of the Alps; Large Hammer Casting; Statistics of the Scotch and English Pig-Iron Trade, &c.

With the Journal of Oct. 3 we gave a SUPPLEMENTAL SHEET, which contains the report of the meeting of the South Wales Institute of Engineers, including an interesting paper upon the Coal-Cutting Machine, by Mr. Firth, and a sound practical discussion thereon; description of a mode of Sinking a Pit through Quicksand, by Mr. John Glassbrook; on Surface Condensation, and the Use of Distilled Water in Boilers, by Mr. Turner; Long Work, by Mr. John Williams; and on Coal and Ironstone Mining in Scotland, by Mr. Ralph Moore. The Association for the Prevention of Steam-boiler Explosions (monthly report); Manufacture of White Lead; Minerals in Mexico; Gold in Now Scotla. Quartz crysthing. Ridley and Lones's Ironstructure. (monthly report); Manufacture of White Lead; Minerals in Mexico; Gold in Nova Scotia; Quartz-crushing; Ridley and Jones's Improvements on the West Ardsley Coal-Cutting Machinery; Obtaining Products from Coal; on the Impurities contained in Lead, and their Induces on its Technical Uses; Ozone; California Copper Sme!ins. Works; Blast-Furnaces, &c.

# The Mining Market; Prices of Metals, Gres, &c.

Mi

ME	TAL MARKET-London, Oct. 16, 1863.			
COPPER. £ s. d.	BRASS, Per. 1b.			
Best selectedp. ton 101 0 0	Sheets 9%d,-10%d,			
Tough cake , 98 0 0	Wire 91/4d			
Tile 98 0 0	Tubes 10%d			
Burra Burra 101 0 0-(nom.)	FOREIGN STREL. Per Ton.			
Copper wirep. lb. 0 1 014	Swedish, in kegs (rolled) 15 10 0			
dittotubes " 0 1 1 -	" (hammered), 15 15 0-18 0 0			
Sheathing & bolts p.ton 105 0 0	Ditto, in faggots 17 0 0-18 0 0			
Bottoms 107 0 0	Engitsh, Spring 18 0 0-23 0 0			
Old (Exchange) p. lb. 0 0 91/4	Bessemer's, Engineers Tool 44 0 0			
IRON. Per Ton.	" Spindle 30 0 0			
Bars, Welsh, in London. 7 15 0-8 0 0	QUICESILVER 7 0 0 p.bottle			
Ditto, to arrive 7 10 0- —				
Nail rods	SPELTER. Per Ton.			
" Stafford, in London 9 5 0- 9 10 0	Foreign 8 7 6- 8 10 0			
Bars ditto 9 10 0-10 10 0	To arrive 8 7 6- 8 10 0			
Hoops ditto 10 10 0-11 10 0	SING.			
Sheets, single 11 5 0-11 10 0	In sheets 25 0 0			
Pig. No. 1, in Wales 4 10 0-	TIN.			
Refined metal, ditto 4 0 0-5 0 0	English, blocks115 0 0-(nom.)			
Bars, common,ditto 6 10 0- 7 0 0	Ditto, Bars (in barrels)116 0 0-			
Ditto, merchant, in Tees 6 12 6	Ditto, Refined120 0 0-			
Ditto, railway, in Wales 6 12 6-6 15 0	Banca122 0 0			
Ditto, Swed. in London. 12 10 0-	Straits			
To arrive 12 10 0				
Pig, No. 1, in Clyde 2 17 0-3 3 0	TIN-PLATES.			
Ditto, f.o. b. in Tees 2 10 0-2 12 6	IC Charcoal, 1st qua. p. bx. 1 8 6- 1 10 0			
Ditto, forge, f.o.b. in Tees 2 5 0-2 7 6	IX Ditto 1st quality , 1 14 6- 1 16 0			
Railway chairs 5 10 0- 5 15 0	TO Ditto an dimension . W			
" spikes 11 0 0-12 0 0	" 3 00 1 40			
LEAD.				
English Pig, ordny. soft 20 5 0-20 10 0 Ditto (WB) 21 7 6-21 10 0	Canada platesp. ton 12 10 0-13 0 0			
	In London; 20s. less at the works.			
Ditto sheet 20 15 0-21 10 0 Ditto red lead 21 10 0-22 0 0	YellowMetal Sheathing .p. 1b. 914d			
Ditto red lead 21 10 0-22 0 0 Ditto white 26 0 0-27 0 0	Sheets			
Ditto patent shot 23 0 0-27 0 0	To Man (Phonese) Piers)			
Ditto patent shot 23 0 0- — Spanish 19 10 0- —	in London			

. At the works, 1s. to 1s. 6d. per box le REMARKS.—The tone of the Metal Market generally, during the past week, has been decidedly firmer, and it is now evident that the late ad-vance in prices of certain metals will be fully maintained for some time to value in prices of certain metals will be taily maintained for some time to come. Large orders have arrived from India, though some of them are at such limits that their execution is impossible in the present state of the market. Considerable shipments have also been made to the Continent, and there certainly can be no complaint at the present moment of want of business.

COPPER.-As anticipated in last week's Mining Journal, the smelters announced on the 12th inst. an advance of 3*l*. per ton ; the present prices being 105*l*. for manufactured, 101*l*. for best select, and 98*l*. for tough cake

and tile.

Yellow Metal has also been advanced to 94d, per lb. The demand still continues good, and orders from France and India are considerable. Iron.—The result of the Quarterly Meetings of the Staffordshire Iron-masters has undoubtedly been to confirm confidence in the permanence of the advanced prices of iron, which may now be considered established. The price of English iron in stock in London has also advanced, and it is now impossible to be obtained under 7l. 15s. to 8l. per ton. Swedish iron continues in very good request, and considerable shipments have been made; the price remains as last quoted. An extensive business has been done in Scotch pig-iron, at irregular prices, the tendency during the week being decidedly downward, and at one time the anxiety to sell was very great, and warrants declined to 60s. 3d., cash; a slight improvement, however, has since taken place, and the last advices from Glasgow state the market to have opened at 60s. 3d. one month, and a large business was ever, has since taken place, and the last advices from Glasgow state the market to have opened at 60s. 3d. one month, and a large business was done at 60s. cash, 60s. 3d. to 60s. 6d. one month, and 60s. 9d. to 61s. three months; closing, sellers, at 60s. 3d., cash inten days, and 61s. three months; buyers, 60s. and 61s., less † per cent.

Lead.—The market is rather firmer, and it is now difficult to buy, except at an advance of 5s. per ton.

Thy.—The advices from Singapore state that in is in less request there, which is not calculated to improve the market here. A sale of fine Straits is reported at 117L, cash; but generally the market for foreign tin is dull and heavy.

Spellers, if anything, has rather receded in price, the market continue.

SPELTER, if anything, has rather receded in price, the market continuing quiet, at 181. 7s. 6d. to 181. 10s. on the spot. No sales of any moment have taken place.

STEEL remains unaltered from last week; prices firm, but busine

STEEL remains unaltered from last week; prices firm, but busine very limited.

TIN-PLATES.—A slight error occurred in the remarks under this head last week. Instead of stating that "in consequence of the advance in tin the makers had put up their price 6d. per box," it should have been "in consequence of the advance in iron the advance had been made." A good business is doing in tin-plates, and the price is firm, at 23s. for IC coke, and 28s. 6d. for IC charcoal.

QUICKSLUVER is without alteration.

and 28s. 6d. for IC charcoal.

QUICKSLIVER is without alteration.

New York, Oct. 2.—We have to report a decided improvement in business. The demand for actual consumption has made itself felt at last in other goods. During the last month public opinion has changed in regard to the value of gold, and many who at one time believed that it would decline to a nominal premium have been buyers of gold and exchange for a rise, and there is, at the same time, a disposition to buy morchandise for investment. Gold rose a few days ago to 44 per cent., but it is quoted to-day 43½ per cent. Exchange on London 187 per cent. Tix.—In the beginning of last month 5000 to 6000 slabs Straits were sold to the trade at from 41 to 42c. The price has since gradually hardened, with sales last week of 2000 slabs at 43½ c. to 44½ c. To-day the market is quiet at 44c., with more offering. English has met with a moderate demand, and during the last few days 40 tons have been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 42 c. Banca has also advanced, with sales of 500 slabs, in small been sold at 41½ c. to 52 c

tic th A

c. 3.

d.

ottle

m.)

12 6

e to

Iters

and

ron-ce of hed.

it is

very the

ths: exhere dull

tinument ine head n tin "in good coke,

than

trade eek of fering. s have small eight ingots in first total s 3000 larger luence in ex-

middle
The
mpany
O tons.
quiet,
copper
on and
er part
about
100 lbs.
re, and
cularly
661 and
which

at 1500 tons, against an importation of 300 tons. The stock of foreign is about 6000 tons — Winterhoff AND Co.

Boston, Sept. 28.—There have been small sales of English Cannal coal at \$14 to \$14.25 per ton, cash. Pictou and Sydney coals remain the same, with considerable arrivals, and cargo sales at \$6 to \$5.25 per ton. In Authracite steady retail sales at \$9.25 per ton. There ton. There is a fair demand for Scotch pig-tron, with sales of Gartsherite and other brands No. 1 at \$3.5 to \$5.5 per ton, cash and four months; and American No. 1 at \$3.5 to \$5.5 per ton. Ear-iron is selling in small lots at steady prices. Russia sheet-iron is firm, ann has been selling at 17 c. per pound, cash.

The settlement of the fortnightly account took place in the MINING SHARE MARKET on Thursday, and was very heavy in the Chivertons, Hope, Clifford Amalgamated, and a few other shares, which have been Hope, Clifford Amalgamated, and a few other shares, which have been prominently dealt in during the last fornight. Copper is up 37, per ton, and other metals firm; and ince our last a fair average amount of business has been transacted, notwithstanding the interference of the settlement. East Caradon shares have been very flat, and leave off 26; to 26; the latest official report states that the winze sinking in the bottom of the 50 is worth 26.1 per fim; the 80 out hole, in the 60 east, 62, per fim; the 70 east, north part, 16; per fim; the south lode, in the 60 east, 20¢, per fim. the 70 east, north part, 16; per fim; the 80 out hole, in the 60 east, 20¢, per fim. The accounts at the meeting showed, after paying 600%, for blanke of 16; per share (4915.6, 4s.) was declared, leaving 11393.1 38; 10.4 in hand. The agent concludes his report by saying that, on the whole, the mine continues to 500k well, and the discovery of the south lock in the 60 considerably enhances the value of the property. The profits continue very good, and but for the low price of coppes would have been considerably more. Bedford United, 22 to 25; they Gwing, 25 to 36; Camborne Vean, 35 to 32. Central content of the 10 per share (2000L), was declared, leaving 267; 14; 8.43 in hand. The profit on two months was 1780%, 8.84; the ores sold and to be credited also next account.—4017. The ends in the mine are worth 8 tons of copper per fim, and 13%, for tin; the winces, 2 tons per fim; the stopes, 24 tons per fim. Since the meeting, the 110 has improved to 4 tons per fathoum. Marke Valley, 6 to 61; at the meeting the accounts showed a profit of 552£, 13s. 1d. on the two months, and a dividend of 1s. per share (2000L) was declared; the cross-cent in the 100, form Saliabury's shaft, has been driven about 9 tahtoms, and Rose Down lost expected to be cut in 6 of 7 fathoum for the contract of the property of prominently dealt in during the last fortnight. Copper is up 31. per ton, and other metals firm; and since our last a fair average amount of business has been transacted, notwithstanding the interference of the settle

On the Stock Exchange a large amount of business has been transacted in Mining Shares during the week. The following prices were officially recorded in British Mining Shares:—Clifford, 36½, 37½; Devon Great Consols, 547½, 552½; East Caradon, 28½, 26½; East Wheal Russell, 3½, 3; Great South Tolgus, 5½, 5½; Great Wheal Vor, 10½, 10½; Providence, 48½; Tincroft, 19½, 19½; 19½; Wheal Ludcott, 2½, 2, 2½; Wheal Secton, 184. In Colonial Mining Shares the prices were:—General, 21½, 22; Sectish Australian, ½, ½; Yudanamutana, 2½, 2½, 3; Kapunda, 1½. In Foreiga Mining Shares the prices were:—Alamillos, ½; St. John del Rey, 56, 55½, 56½, 57½; United Mexican, 6½, 6½, 6½, 6½; Capula, ½; Binares, 6½; Fortuna, 4½, 4½; East del Rey, ½; Montes Aureos, 2½.

Coal Market.—On Monday, the fresh arrivals were serew steamers on contract, so that the quantity of coal for sale was unimportant. Business was quiet, at last day's prices for all descriptions. Best house coal, 20s. to 21s.; seconds, 18s. to 19s.; Hartley's, 15s. 6d. to 17s.; manufacturers', 13s. to 16s.—On Wednesday, the arrivals, with two or three exceptions, were again steamers. The few cargoes on sale were all cleared off at the last quotations for household coal, and 3d. per ton advance on Hartley's.—On Friday, the 13 arrivals being all steamers, with gas and contract coal, there was nothing for sale on the market to-day, prices quoting nominally the same: 60 ships at sea.

The Clowance Wood Copper Mining Company have, as will be seen from the prospectus which appears in another column, nearly completed their share list: the directors have only now to invite subscriptions for e6000 of the 25,000 shares into which the adventure is divided. The highly favourable opinions entertained with regard to the mines have been already alluded to; and as to the company, it will suffice to state that the gentlemen forming she hoard of directors are all known to the public, and several of them well acquainted with mining affairs. There are no fees or promotion money to be paid by the company, and the public have the guarantee that no sinster motives have influenced the drawing of the Articles of Association, it being distinctly stated on the face of the prospectus that "the regulations in Table A of the Companies Act, 1862, apply without exception to this company"—an announcement calculated to give far greater confidence to shareholders than the attempts of any solicitor to

secure them unfair advantages (?) The capital of the company is 25,000l., in shares of 17, each.

in shares of 1l. each.

The Croiser Valley and Port Madoc Freehold Slate Company, which has been constituted with limited liability, and a capital of 60,000l., in shares of 10l. each, has issued its prospectus. The property to be worked is situated between Beddgelert and Tan-y-bwlch, and six miles from Port Madoc to which a railway is in course of construction. The purchasemoney is fixed at 15,600l., of which the vendor has agreed to take 5600l. in cash; 2000l. in paid-up shares, to be allotted forthwith; and 8000l. in paid-up shares, to be allotted after the shareholders have received 15 per cent. profit. The property contains, according to the survey of Mr. Grant, of Beddgelert, about 250 statute acres; and all slate and minerals being freehold the company will have no royalty whatever to pay. It is estimated that, with a working capital of 17,000l., there will annually remain 6750l., or over 40 per cent., available for dividends; and that a further

mated that, with a working capital of 17,000l., there will annually remain 6750l., or over 40 per cent., available for dividends; and that a further expenditure of about 7000l. over and above the 17,000l. would, nearly double the produce of the quarry, and increase the profits in proportion. Three-fourths of the shares have been already privately applied for by 150 persons, and application for the remainder will be received up to Friday next. The board of direction is highly respectable. The prospectus, which is strengthened by several highly favourable reports appendid to it, appears in another column.

The Sardinian Mining Company, which has been constituted on the limited liability principle, with a capital of 100,000l., in shares of 10l. each, has issued its prospectus, which appears in extenso in another column of this day's Journal. The property proposed to be worked is upwards of 40,000 acres in extent, and situated near Iglesias, about 30 miles from Cagliari, and within a short distance of the celebrated mines of Monteponi and Acqua Cotta. The mines have been specially examined by Mr. J. H. Blackwell, who reports that the ore is of very good quality, quite pure and free from intermixture of other mineral; the vein is soft and easily worked, and of much better quality than it was at surface. Dr. Percy worked, and of much better quality than it was at surface. Dr. Percy gives the contents of the ore as 83½ per cent. of lead, and nearly 4½ ozs. of silver to the ton of lead. There are no royalties or rentals whatever payable, 3 per cent. Government tax upon the value of the ore raised being the only charge to which the company are liable. The purchase money has been fixed at 12,000%, one third of which will be taken in paid-up have. has been fixed at 12,000%, one third of which will be taken in paid-up shares. There is a regular market on the spot, as also at Cagliari, where there are smelting-works, and facilities for crecting others, should it be deemed desirable to do so. The railway from Iglesias to Cagliari, about to be constructed by an English company, will much facilitate the transport of ore. It is estimated that not more than 6l. per share will have to be called up. The direction includes several of the directors of the Nerbudda Coal and Iron Company, and two of the well-known Flamini family, the Roman bankers.

family, the Roman bankers.

The prospectus of the East Botallack Consolidated Mining Company, with a capital of 18,000 l. in shares of 3l. each, and registered with limited liability, will be found in another column. It is stated that the shares are nearly subscribed for, and the promoters have full confidence that the development of the property will prove highly remunerative. The sett has been favourably reported upon by several agents, including Capt. Charles Thomas, of Dolcoath, and their reports are appended to the prospectus.

At Dolconth Mine meeting, on Monday, the accounts for July and Augshowed a credit balance of 35591. is. 7d. The profit on the two months' working was
28871. 12s. 10d. A dividend of 28844. (8l. per share) was declared, and 6954. is. 7d. carried to credit of next account. The agents' report will be found in another column.

At West Wheal Seton meeting, on Tuesday, the accounts for July and
August showed a credit balance of 28871. 14s. 8d. The profit on the two months' working was 17801. 8s. 8d. A dividend of 20001. (6l. per share) was declared, and 9371. 14s. 8d.
carried to credit of next account. Captains Charles Thomas, Malachi Bath, and John
Jennings reported upon the various points of operation. They have 2001. worth of tin
dressed on the mine, which will be increased to 4001. worth for sale, to be credited at
the next account.

dressed on the mine, which will be increased to 400t, worth for sain, to be created at the next account.

At the Herodsfoot Mine meeting, on Oct. 6 (Mr. Matthew Loam in the chair), the accounts showed a profit upon the four months' operations to the end of Aug. of 2001t. 13s. 3d., and a balance of nesets over liabilities of 4997t. 10s. 2d., and a cash balance of 2217t. 9s. 2d. A dividend of 1792t. (35s. per share) was declared. Messrs. Loam, Gubb. Caunter, Davey, and Midland were re-appointed the committee of management. Capt. T. Trevillion again congratuated the shareholders upon having a good property. Their reserves were considerable, and prospects encouraging, and they might with confidence look forward for long and continued dividends as that just declared. At Marke Valley Mine meeting, on 0ct. 7 (Mr. Wm. Fawcett in the chair), the accounts, as stated in last week's Journal, showed a profit upon the quarter's operations of 552t. 13s. 1d. The assets exceeded the liabilities by 1294t. 16s. A dividend of 400t. (is, per share) was declared. Capt. Jas. Secombe reported that the mine, on the whole, was looking much the same as for some months past, with very good prospects of being in a more profitable condition. It was resolved that for the future the company should be conducted upon the Cost-book Principle.

At the South Condurrow Mine meeting. on Monday, the accounts

At the South Condurrow Mine meeting, on Monday, the account owed a debit balance of 3461. 7s. 9d. A call of 2s. per share was made. Details in

on the whole, was looking much the same as for some months past, with very good propects of being in a more protitable condition. It was resolved that for the future the company should be conducted upon the Cost-book Principle.

At the South Conductrow Mine meeting, on Monday, the accounts showed a debt balance of 366. 7s. 9d. A call of 2s. per share was made. Details in another column.

At New Wheal Prospidnick meeting, on Tuesday, the accounts showed a debt balance of 689. 8s. 1d. A call of 1s. 6d. per share was made. Capt. William of the state of the stat

Nether Hearths have been strong buyers at 18s., also Harwoods at 12s. 6d. Chiverton Wheal Rose shares have changed hands at an advance in price, and if well managed may take an important position before long.—Enwan BREWIS.

LEEDS, OCT. 15 .- In mining shares business has been dull, few shares have changed hands, and prices have remained without material alteration.—The Crowan and Wendron Mining Company shares are being applied for by some of the most eminent and wealthiest men in Leeds, who, from their position and business character, may be expected to give such a healthy tope and vigour to the management of the undertaking as will lead to successful, and we trust speedy and profitable, results to the proprietary.—John Gledhill and Co.

GOLD IN WALES.—The Vigra and Clogau Copper Mining Company has sold this week 280 ozs. 139-1000ths of gold, producing 1088%. 1s. 4d.

### THE CHIVERTON WHEAL ROSE SILVER-LEAD MINING COMPANY.

At a special general meeting of the shareholders in the above company, held on the mine on Thursday, Oct. 8,

Present—Mr. W. H. Grey in the chair,

The Chairman stated that the meeting had been convened for the fol-

lowing purposes:—

1.—To consider and determine as to whether the company should be continued on the Cost-book System, or registered under the Companies Act, 1862, with limited Hability.

2.—To consider and determine as to the propriety of sub-dividing the shares of the

2.—To consider and determine as to the propriety of sub-urvising the snares of ascompany.

3.—To appoint a committee of management and officers.

4.—To authorise the necessary steps to be taken to effect a speedy development of the
mine.—The above having been duly considered and discussed, it was resolved:—

1.—That Chiverton Wheal Rose Mine be conducted strictly on the Cost-book System,
this meeting being of opinion that it gives great confidence to merchants and others,
and is, at the same time, equally advantageous to the shareholders.

2.—That in consequence of the difficulty complained of by the brokers and others in
purchasing and dealing in the shares of this company as at present divided, the 100
shares of the company be, and they are hereby, sub-divided into 3000 shares, each holder
of one 100th share being entitled to 30 of the increased number.

3.—That the following gentlemen be the committee of management for the next three
months—Messrs. J. Hargraves, C. Whitchurch, F. Hurrell, A. Milstead, E. Loder, and
T. Fuller.

months—Messrs. J. Hargraves, C. Williams, T. Fuller.
T. Fuller.
4.—That Capt. James Phillips be the agent of the mine, at a salary of eight guiness.

per month.
5.—That Mr. Thomas Fuller, jun., be the secretary of the mine, at a salary of eight guineas per month.
6.—That Mr. W. H. Grey be the engineer and local purser of the mine, at a salary of

guineas per month.

6.—That Mr. W. H. Grey be the engineer and local purser of the mine, at a salary of eight guineas per month.

The accounts presented showed—To cash received, 5001.; by July, August, and September cost, 841. 10s.; leaving a credit balance of 4151. 10s.

The agent gave a lucid description of the mine, and expressed his conviction that by a spirited and systematic mode of operations, as recommended by Capt. Chas. Thomas, of Dolcoath, and by the mineral surveyor to the Duchy, highly satisfactory results would be obtained. He also produced specimens of ore broken from the various parts of the mine, which, by assay, had produced as follows:—

No. 1.—From caunter lode: 75 per cent. of lead and 35 cas. of silver to the ton.

No. 2.—From caunter lode: 75 per cent. of lead and 35 cas. of silver to the ton.

No. 3.—From seat and west lode: 62½ per cent. of lead and 35 cas. of silver to the ton.

No. 4.—From east and west lode: 62½ per cent. of lead and 18 cas. 13 dwts. of silver to the ton.

Resolved,—That this meeting, considering the statements made by the agent highly satisfactory, hereby authorise the committee of management to accept the offer made by Messra. William Derry and Co., St. Austeil, to erect a 60-in. cylinder steam-engine, and to supply 20 ms. of pitwork, capstan and shears, horse-whim, &c., for the sum of 16001, and that no time be lost in bringing the works into full operation.

The Charmana stated that he had much pleasure in congratulating the shareholders on the position of their property, which he believed would become an adventure of considerable value. It must not be overlooked that the mine would be wrought in virgin ground, and that no time property, which he believed would become an adventure of considerable value. It must not be overlooked that the mine would be wrought in virgin ground, and that ten distinct lodes had been found to pass through the property; also that, taking into account the amount of work done, he believed a limited amount of capital only would be requir

THE MINING EXCHANGE.—The annual general meeting of the members of this institution was held on Monday, at which a satisfactory financial statement was submitted. The number of members have been increased. The following is the result of the ballot for the election of Chairman and committee:—Mr. H. Milford (Chairman); and Messrs. W. Gundry, G. Batters, W. Ward (of Messrs. Ward and Jackman), W. H. Cuell, and G. Lavington, the committee. The question of the establishment of a decayed members' fund was mooted, but, after some discussion, it was decided to refer the matter to the consideration of the committee.

At the French Academy of Sciences, a communication was received from M. Thibierge, stating that the soda trade, which had its origin in France, is now visibly tending to displace itself, because of the falling off in the supply of the raw material, which may now be found in greater abundance in foreign parts. To remedy this evil, M. Thibierge proposes to mix sulphuret of iron, or of iron and copper, which exist in vast quantities, with any combustible, such as peat, lignite, coal, or coal dust, and then set fire to it. The result of the combustion would be ashes containing metallic oxides and sulphate of soda, which might afterwards be easily separated and transformed into carbonate.

easily separated and transformed into carbonate.

MEETING ON THE PATENT LAWS.—A meeting of the members of the Social Science Association, called by delegates of the Liverpool Chamber of Commerce, was held on Tuesday in the committee room of the department for Trade and International Law, for the purpose of hearing a statement regarding movements on the Continent in respect of the patent question.—Mr. R. A. Maefic, Chairman of the Liverpool Chamber of Commerce, explained the steps that had been taken in this matter, and expressed the hope that the people of this country would be speedly aroused, in order to get the Patent Laws removed. If that were done, he was sure that the Liverpool Chamber of Commerce would be very glad to lend a helping hand.—Mr. Barchson, Liverpool, expressed his approval of the views of the Chairman.—Dr. Fairbairn, a member of the Royal Commission to enquire into the working of the Patent Laws, said that he thought the time for Chambers of Commerce taking up the subject of the Patent Laws would be when the report of the Royal Commission was published. There was no intention, he believed, to abolish the Patent Laws, but there would be considerable modifications.—Mr. Duncas M'Laws nide the thought that the operation of the Patent Law was most princious, and it was incredible that in a great enlightened country like this the Patent Laws should be in such confusion that no man, even the most skilful lawyer, could tell whether some man was not encroaching on some other man's patent. He was strongly of opinion that something ought to be done to put the Fatent Laws into propershape. He moved, however, "That the present meeting do not consider it expedient to come to any resolution on the subject of patents till they have had an opportunity of considering the forthcoming report of the Royal Commission." The motion was agreed to, and the meeting separated.

COTTON FROM NATAL.—There have been very encouraging accounts received by the Cotton Plantation Company of Natal from their manager in that colony, with two preliminary samples of cotton, described and valued by Mr. J. Pitcairn Campbell, of Liverpool, one of which he states to be "equal in all respects to good sea island," and worth 50d, per b.; and the other as being capable, properly prepared, of competing with "middling Orleans," and valued at 274d, per lb. Under date of July 30, in which month he arrived out, the manager adds that with the company's own, and those employed by contract, there would shortly be at least 16 ploughs at work; that what with Caffres, Northern Zulus, and Coolies, under Government regulations, there was no want of isbour; and that with a large area progressively under cultivation, the produce would be on its way to England in July next year, entirely making good our anticipations on the formation of the company.

	LEAD O	RES.	
	Sold on the 17th	Sentember	
Mines.	Tons. 1	rice per ton.	Purchasers.
Carmarthen United	8old on the 10th	£13 10 6	Panther Co.
ditto	32 32 11	£16 1 0	Michell & Son. Panther Co. Michell & Son.
	Sold on the 12th	October	michell & Bott.
East Darren Cwm Erfin		12 15 6 16 2 6 16 1 6 16 3 6	Sims, Willyams, & Co. Newton, Keates, & Co. Michell & Co. Treffry's Trustees.
Roman Gravels West Chiverton	20	13 2 0 13 2 0 12 18 0 19 10 6	_
Phonix 1	BLACK Sold on the 4th ns c. q. ibs. Frice per t 2 1 1 21 £64 0 Sold on the 14th 1 8 1 0	October.  on. Amoun  0, £ 772 12  October.	0—Biasoe Co.
W0 5150	COPPER	ORES.	

sydney, N. S. W. (Mr. J. D. McLean In the chair), the accounts showed a debit balance on the profit and loss of 371. 2s. 4d., and a cash balance of 351. 17s. 10d. A succession of accidents to machinery cased the entire stoppage of the works, but procaultons have been taken to be prepared for any such casualties in fature.

At the Mornya Silver Mining Company first half-yearly meeting, at Sydney, N. S. W. (Mr. R. J. Want in the chair), the accounts showed a credit balance of 1551. 15s. 2d. Capt. W. Read reported upon the operations at the mines.

NEWCASTLE-ON-TYNE, OCT. 15.—The market has been moderately active. Wheal Hopes are firmly held for higher prices, consequent upon the improved prospects of the mine. Chivertons have been dealt in, and a large demand experienced for East Bottle Hills. North Croftys rather quiet. Troed-y-rhiw shares 5s, to 7s. 6d.

EAST BOTALLACK CONSOLIDATED MINING COMPANY | seen rich stones of tin. I think there is every probability if the mine is properly worked of its leading to profitable results.

| Climited | John Carthew, | Manager of St. Just United Mines.

Registered under the Companies Act, 1862, whereby the liability of the shareholders is strictly limited to the amount of their subscriptions.

Capital £18,000, in 6000 shares of £3 each.

10s. to be paid on application, and 10s. on silotment.

The balance, if required, to be paid in instalments of soc exceeding 5s. per share, at intervals of not less than three months.

intervals of not less than three months.

EIRECTORS.

Major-General DOWNING, 36, Gloucester-terrace, Hyde-park.

HENRY EMMANUEL, Eag., 6, Stanley-gardens, Kensington-park.

PARKER MARGETSON, Eag., 34, George-street, Hanover-square, W. COMPTON READE, Eag., 61, Lincoln's Inn-fields, W.C.

B. W. SMITH, Eaq., 63, Great Tower-street.

H. W. SPRATT, Eaq., 3, Walbrook-buildings, E.C.

JOHN BEOK WITH TOWSE, Eaq., 34, Laurence Pountney-lane, E.C.

HAMKERS-Messrs. Robarts, Labbock, and Co., 15, Lombard-street, E.C.; Batten, Carne, and Carne, Fenzance, Cornwall.

Solictron-John Henry Bellrage, Eaq., 61, Lincoln's Inn-fields.

REGISTERED OFFICES,—3, FALCON COURT, FLEET STREET, LONDON, E.C.

PROSPECTUS.

PROSPECTUS.

The object sought by the establishment of this company is the further working of a valuable tin mine, in the parish of St. Just, Cornwall, and known as the East Botalinek Consolidated Tin Mine.

This sett extends about three quarters of a mile in length from east to west, and is half a mile in width, is situate in the St. Just district, which is one of the richest for tin in Cornwall, and immediately adjacent to some of the dividend-paying mines, such as Balleswidden, Botalinek, and Levant, and is traversed by the same run of mineralised ground. It contains several well-defined lodes, some of which have already been partially worked with considerable success, and only require a Judicious outlay and careful management to become of great value.

Statistics of mining adventures in the East Botaliack Consolidated mining district:—

Names of mines now working.	No. of shares	paid			Divide paid p share	er	Original outlay.	Total amount of dividends paid.	Present market value.
Levant (tin and copper)	160	£2	10	0	£1091	0	£ 400	£174,560	£16,000*
Botallack (tin and copper)	200	91	5	0	469	15	18,250	98,950	48,000*
Wheal Owies (tin)	80	70	0	0	328	3	5,600	26,252	24,000
Balleswidden (tin)		11	15	0	12	5	19,082	19,894	19,488
Boscean (tin)		20	10	0	36	10	4,920	8,760	12,0004
* Decomposed gran		e an	d g	re	enstone		† Dec	omposed gran	nite.

The above five mines, on an outlay of £48,252 on the present working, have already paid back in dividends to the shareholders £323,416.

As the before-mentioned mines stand prominent in the dividend-paying list, it may not be out of place to state also that Botallack Mine has given back to the shareholders in its former workings upwards of £250,000; Boseaswell Downs Mine upwards of £40,000, and sgain resumed working by a new company; Wheal Cunning upwards of £25,000; Boseasmell Downs Mine upwards of £25,000; Boseasmell Downs Mine upwards of £25,000; and Spearne Consols, for an outlay of £1280, upwards of £10,000; thus making a total sum of £340,000.

Progressive mines situate in the same district:—

Name of mine.	Shares	Outlay.	Market value.	Geological position.
Pendeen Consols (copper) Boscasweil Downs (tin) Wheal Hearle (tin) Boswidden (tin)	1248 1024 123	£18,000 7,800 7,680 3,936 1,000	9,984 15,360 3,936	Granite. Granite and greenstone,

Totals ..... £38,416 £59,660

The sets are very extensive on the course of the lodes, and have been granted at the rery moderate royalty of 1-24th dues for the term of 21 years.

The setological position of this extensive and valuable mining property cannot be surassed in the county. It is in beautiful strata, quile congenial for producing tin in he grante and copper in the killas (clay-slate), immediately adjoining the granite, recisely of the same character as Botaliack, Levant, Pendeen Consols, and other rich nines in the district.

Prospectuses, together with plans and sections of the property, can be obtained on application to the secretary, at the offices of the company.

Prospectuses, together with plans and sections of the property, can be obtained on application to the secretary, at the offices of the company.

REPORTS.

Kilivose, Camborne, July, 1863.—The following is my report of this mine, which I examined yesterday, accompanied by Mr. W. H. Richards, and Mr. Oates, of St. Just, the latter gentleman having the best possible practical knowledge of this mining ground, he having at his own expense, during the past lew years, discovered and partially worked three lodes therein. No. 1 lode is explored 50 fms. in length, and at the deepest point 10 fms. from surface, from which Mr. Oates raised and sold over £200 worth of the offset quality; the bearing of this lode is nearly east and west, magnetic underlie south about 2 ft. in a fathom, width from 2 ft. to 2½ feet. No. 2 lode is not much worked in length, from which Mr. Oates sold the of the value of about £50, by sinking some 8 or 10 fathoms. No. 3 lode, near the latter workings, only opened a few feet in length and depth, just showing the presence of tin. At about 40 fathoms south of these works, in opening a drain for the purpose of driving an adit to unwater the above lodes, another lode was discovered; the value of this cannot be proved many feet below the suaface, it being in the low part, and covered with water. The extent of the sett or grant, as pointed out to me, is great, being, I think, nearly halfa mile in length from east to weat, and of sufficient width for working the several lodes extensively. The mine is wholly in granite, and nearly in the centre of the granite district, lying from Penzance to Land's End, in Cornwall. It is situated about one mile southward from the Balleswidden Tin Mine, which has for a long time yielded large quantities of tin, and is being worked excessively at present. The tin mines of St. Just parish, which have been, and are still, worked to great depths and extensively, lie further northward from the Balleswidden Tin Mine, which has for a long time yielded large quantities of tin, and

CHARLES THOMAS.

St. Just, June, 1863.—I have worked in East Botallack Mine at different times, and in nearly all the mines in this important district, but have never seen better indications of good mine in my life than here presented. I am ready to take up such a share in the nine as my neans will allow; also to work there as a miner at a tribute of 15s. in £1, and pay all the cost attending thereto, receiving only £50 per ton for tin in the place I worked in last—I know there are many better places in the mine than that one. I have also noticed that the lodes were always proving richer in quality as they were sunk upon leeper, as is the case with most of our best mines in this district.

WILLIAM PHILLIPS.

WILLIAM PHILLIPS.

I have worked as a labourer in East Botaliack Mine, on tutwork and tribute. I consider the discovery for tin equal to anything I have seen. The lodes are large, and there is no part of the mine that I have seen but is very easily wrought, nor is it costly ground for timber. I quite agree with others that I know no mine so worthy of an outlay of capital to be worked effectually as this mine. I am quite ready to take a part in the concern, according to my ability.

JAMES PROUSE.

concern, according to my ability.

St. Just, June, 1863.—I have worked in East Botaliack Mine from the commencement, and have worked in all parts of the seit that have been opened. I have lived all my life adjoining the seit, and have worked in almost all the mines in this district. I am quite willing to work in the mine again, and pay a good tribute. I consider the discoveries in the mine very important, and worthy of an outlay.

ANDREW HUTCHENS. ANDREW HUTCHENS.

St. Just, June, 1863.—This is to certify that I have worked in East Botallack Minmany months; the water is the only enemy to the mine; as the mine goes deeper it has been proved constantly improving in quality. I would work the tin pitch I worked in last in the said mine at Ss. in £1, paying working cost, and receiving only £50 per ton for the tin. I am quite ready to take shares according to my means in this important mine.

mine.

Boscean Mines, St. Just, June, 1863.—I hand you my report of East Botallack Mine, which I have inspected three times. The set is situated in the parish of St. Just, a short distance from the road leading from St. Just to the town of Penzance, and is about half-a-mile in length on the course of the lodes. The set contains several its lodes, but two only have been wrought on, and them to only a very shallow depth, by manual labour. The lode which I shall call Tredinney lode, has been worked on for 50 fathoms in length, and about 10 fathoms deep, is about 2 feet wide, with an underlie of 2 feet in the fathom, and timp throughout; having a very kindly appearance to turn up a quantity of tim at deeper levels. Cargines lode is opened up about 15 fms. long and 10 fms. deep, is about 2 feet wide, intermixed with tin, with an underlie of 30 inches in a fathom. I consider this speculation a good one, and worthy the attention of the mining world. Can be worked with a small capital, as the ground is easy for opening, and to present appearances, with every prospect of success, if properly laid out.

B. BEREYMAN, Agent of Boscean Mine.

North Levant Mine, June, 1863.—I beg to hand you my report of East Botallack Mine, which is situated in the parish of St. Just, and about 5½ miles from Penzance. The sett contains several tin locks, all in virgin ground. I inspected this mine two or three times, and I was greatly surprised to see such a fine newly-discovered lock in beautiful strata of ground, with a shaft sunk from 8 to 10 fms. deep, and a level extended from the bottom of the shaft for a great number of fathoms through a regular tinuy lock, varying in size from 1½ to 3 ft. wide. I concluded this mine (being in St. Just) will be a property of great value. I consider this mine more than an ordinary appeculation, and one that I feel confidence in recommending to any mining speculator. I find there has been about £570 worth of the already sold from this place at the present shallow depth, which is a very rare occurrence in this neighbourhood. I have no doubt if this mine is properly worked but it will produce a great quantity of its, and well repart the outlay.

JAMES THOMAS, Agent of North Levant.

Spearne Moor Mine, June, 1863.—In compliance with your request, I beg to hand you my report of East Botallack Mine, which I inspected some time since. This sett is situated in the parish of St. Just, and is about half a mile in length, on the course of the lodes, and a quarter of a mile in breadth. There are six lodes traversing the sett, but only two of which have been wrought on. The Redburrow lode has been opened for 80 fms. In length and 10 fms. deep; it is about 2 ft. wide, underlying 2 ft. in a fathom. There is it in interspersed throughout the lode, occasionally producing bunches, and has a good appearance. Cargiase lode has been opened 15 fathoms long and 10 fathoms deep. It is about 2 ft. wide, and underlies 2½ ft. in a fathom; it contains its throughout, and is a kindly looking lode. I consider from the ground explored these lodes are deserving of the erection of an engine, as nothing further can be done with mannal labour. This mine is in granite, and the ground easy for opening; the lodes appear to be all congenial for mineral. I think with a moderate capital they can be effectually tried, and there are very fair chances of success.

Just United Mines, June, 1863.—You ask me for my opinion of East Botalis. I was never underground to notice the lode worked by you, but from the title the mired, and the character of the different idea, from some of which I he

Manager of St. Just United Mines.

I have sold from this mine some hundreds of pounds worth of tin from the back of one of the lodes in this property, and from a depth of only 10 fms. from the surface. As we drive to hill on this lode the backs increase in depth, and the lode becomes more valuable, as usual in other mines. The lode was for 15 fms. from the first shaft timp, though not to much value. But for 18 fms. nearer the cross-course we have a rich lode of tin; this cross-course hove the lode 4½ fms. We drive west of the cross-course 25 fms., through a good lode, 2½ ft. wide, with a tin course 12 in. wide; this level we drive to 20s. per fm., and stoped the back of it for 12s, per fm. No. 2 lode is 2½ ft. wide, well defined, and embedded in a beautiful well-formed mineral, producing grants. This lode is producing rich stones of tin. The tin course is about 4 in. wide—in fact, the lode as broken is worth 12s. 6d. per sack of 14 gallons, altogether a very rich lode, I have opened on sfx lodes within 7 fms. from No. 2 lode, with tin in all of them, and ground easy for exploring. An adit can be brought in from 12 to 13 fms. deep, in 30 fms. driving, which would nuwter Chapel Viney, or No. 2 lode, in another 80 fms. driving this adit would intersect the whole of the other lodes at a depth of from 18 to 20 fms. from surface. The East Botallack Mine is beautifully situated, being abundantly supplied with a never-failing stream of clear water for dressing purposes. The set is very extensive, being more than a mile in length and aiso in width, with an abundance of stone for all building purposes, and close adjacent to the railway station at Penzance, and also a good harbour for abipping, which will render the transit casy to and from the mine. The district in which the mine is situated is unexceptionable, being surrounded with so many good dividend-paying mines. The condition on which the lease of the mine is granted is unusually low, being only 1-24th dues and a rental of £5. From what I kaow of minding, I am quit

THE OTEA COPPER MINING COMPANY (LIMITED).

THE OTEA COPPER MINING COMPANY (LIMITED).

In 25,000 shares of £2 each.

First issue, 15,000 shares, including the 5000 given for the purchase.

5s. per share to be paid on application, and 5s. per share on allotment.

The company acquires a freehold property. Nearly £30,000 worth of copper has already been sold from the mine, and in the ground aiready opened it is estimated by high practical authority, that at least 4000 tons of full 15 per cent. produce (worth nearly £50,000) still remain to be raised, and will yield a considerable profit. By developing this mine more extensively much larger returns are expected. No land carriage. Terms of purchase exceedingly favourable. Detailed prospectuses can be obtained at the office, No. 8, Austinfriars, E.C.

THE SARDINIAN MINING COMPANY
(LIMITED).

The liability of the shareholders is limited to the amount of their shares, the company
being registered under the Companies Act, 1862, with limited liability.

Capitai £100,000, in 10,000 shares of £10 each.

Deposit on application, £1 per share; and a further payment of £1 per share
on allotment.

Calls not to exceed £1 per share, at intervals of three months.
It is expected that not more than £6 per share will be called.

DIMECTORS.

HENRY HAYMEN, Esg., CHARMAN.

It is expected that not more than 20 per share will be called.

BIRETORS.

F. EGERTON CUTLER, Esq.
Major-General D. DOWNING.
Capt. JOHN C. HEASLOP.
GUSTAVUS FLAMINI, Esq. (Messrs. G. Fiamini and Co.), 30, Coleman-street, E.C.
Signor LUIGI FLAMINI (Spada, Fiamini, and Co.), Bankers, Rome.
BANKERS-Messrs. Smith, Payne, and Smiths, Lombard-street.
SOLICITORS-Messrs. Recce, Wilkins, and Blyth, 10, 5t. Swithin's-lane, City.
BROKERS.
London ........ Frank Wheeler, Esq., 2, Copthall-court.
Manchester ... Messrs. Hoyland and Prince, Exchange Chambers.
Liverpool ..... Messrs. Gasquoine and Chamberiain, 2, Grosvenor-buildings,
Tithebara-street.
AUDITORS-Messrs. Alison and Waddell, 7a, Basinghall-street.
SECRETARY—George Washington Harris, Esq.
TEMPORARY OFFICES.—5. NIGHOLAS LANE, LONDON, E.C.

TEMPORARY OFFICES,-5, NICHOLAS LANE, LONDON, E.C.

This company is formed for the purpose of buying and working extensive mineral etates in Sardinia, which are situated about 30 miles from Cagliari, the capital of t island; their area is above 40,000 acres; they are near the town of Iglesias, in the cent of the mining districts, and in the neighbourhood of the well-known successful mines Monte Pont and Acqua Cotta. The climate is healthy, there is an abundant supply labour, and there are excellent Government roads to Cagliari and the shipping port Porta Sonas.

labour, and there are excellent Government roads to Cagliari and the shipping port of Porta Sensa.

The mines on these estates have been specially examined by J. Howard Blackwell, Esq., general mansger of the Nerbudda Coal and Iron Company, and formerly mineral viewer for the Government of Bombar, who was returning home from India for a short period, to recruit his health, and his opinion being that large profits would accrue from working the property, some of the directors of the Nerbudda Coal and Iron Company have consented to join the direction.

Extracts from Mr. Blackwell's report, and an analysis of the ore by Dr. Percy, of the Government School of Mines, Jornyn-street, are annexed.

The original report is open to inspection at the offices of the company, where also specimens of the ore may be seen.

These properties have been secured by the company for the sum of £12,000. The former proprietors, being desirous of retaining an interest in the mines, have stipulated that they shall receive one-third in shares.

There will be no royalties or rentals of any kind, the company purchasing the rights of lessess under the Government, and having no further payments to make, except the tax of 3 per cent. levice by the Government on the value of the ore raised.

The ore in these mines is galena, with a moderate percentage of silver, and is now being worked to a profit, only requiring an extension of operations to yield large returns, and no very expensive machinery or plant will be necessary.

A market exists for the ore on the spot, there being smelting works at Cagliari, as well as buyers for the French and Italian works, and should it be deemed expedient to erect smelting works for the company, there is a suitable piece of ground, with waterpower, between Monte St. Benedetto and Iglesias, which can be secured at once.

A railway has been surveyed from Cagliari to Iglesias, and is about to be constructed by an English Company, thereby facilitating the transport of the ore.

Applications for shares must be made in

If no aliotment be made, the deposit will be returned in full.

EXTRACTS FROM REPORT OF J. HOWARD BLACKWELL, Esq.

In the valley below St. Benedetto, and upon the part of the estate towards Iglesias, is a large mineral vein of soft brown hematite, with gaiena scattered through it in small quantities; the vein can be seen for a considerable distance, and is well worth exploring. Beyond this vein, at the foot of the mountain, are a large number of old surface workings for lead. A small vein in their immediate neighbourhood, that had been worked at the surface like the rest, has been followed down to a depth of about 60 yards by the owner of the estate, and is now being worked to a profit; this vein at the lowest part reached is about a yard wide, contains carbonate of time and barytes, with a little percentage of iron and clay. There are from 8 to 10 in. of galena, of very good quality, quite pure, and free from intermixture of other mineral. The vein is soft and sastly worked, and of much better quality than it was at the surface. On the slope of the mountain, above this vein, are again a number of old workings; a level has been commenced to intersect some of the lodes, but only carried a few yards. Higher up another level has been commenced, and shows at its mouth a vein about a yard wide, with 4 or 5 in. of galena; higher up again two large veins can be distinctly traced upon the surface. Beyond St. Benedetto, towards Domas Novas, is the property of Merganai, forming the opposite side of the same mountain. Here also are a grean number of old workings at various points; a level or drift has been commenced near the base of the mountain, to prove some of the lodes on which are the old workings higher up. It has been carried about 70 yards, but must be continued 80 or 100 yards further to reach the lodes. Beyond Merganai again, and close to Domas Novas, is the mountain of St. Glovanni. Old workings are found here, and a vein has been opened about 1½ yard wide, showing a string of galena mixed with quartz of about

ANALYSIS OF ORE BY DR. PERCY.

The sample of galena from Sardinia has been assayed, and found to contain 83½ percent. of lead, containing 4 ozs. 3 dwts. of silver per ton.

THE SARDINIAN MINING COMPANY
(LIMITED).
The directors give notice that the SHARE LIST will be CLOSED on WEDNESDAY,
the 21st October, and that no applications will be received after that date.
By order,
GEORGE WASHINGTON HARRIS, Seq.
5, Nicholas-lane, London, E.C., October 14, 1865.

STATISTICS OF, AND OBSERVATIONS UPON I beg to inform the mining interest that my work, under the above title, will be published early in the ensuing month, which will contain the following particulars, viz.:—The geological position, present prospects, name of purser, manager, and secretary, with annual vetures of each mine during the last three years, and total dividends paid to the

present time.

The work will be illustrated by a map of Carnwall, geological district maps divided into four sections, in which will be shown the bundary lines of each parish, height of hills, source of rivers, &c., together with maps of St. Just, St. Ives, Maraxion, Gwinear, Wheal Chiverton, Bodmin, Liskeard, Devon Great Consols, and Tavistock mining districts, showing boundary lines of each sett, with the lodes, civans, and cross-courses traversing the same. It will also contain longitudinal and transverse sections of the Dolemann sections of the description of the longitudinal and transverse sections of the same; sec versing the same. It will also contain longitudinal and transverse sections of the Dol-coath Mine (kindiy supplied by Capt. Chas. Thomas), with report upon the same; sec-tion of the workings at Botaliack, corrected down to the present time by the manager (8. H. James, Eaq.), with historical account of same; surface plans and sections of all the leading mines in both counties, with observations upon each, including geological map of the Fowey Consols district (kindiy furnished by Major Davis, R. M.) Subscriber's names will be received at my office. THOMAS SPARGO, Mining Offices, 224 and 225, Gresham-house, Old Broad-streeet, E.C., Oct., 1863.

STATISTICS OF, AND OBSERVATIONS UPON, THE MINES OF CORNWALL AND DEVON.—By THOMAS SPARGO.

To Mr. Thomas Spargo, Greaham-house, London.
Stn.—I will thank you to add my name to the list of subscribers to your State
of, and Observations upon, the Mines of Cornwall and Devon, and for which I en
you Se. In payment for the same.

Name
Address
Date ..., 1863.

MESSRS. R. HORLEY AND CO., SWORN STOCK, SHARE, and MINING BROKERS, 48, CORNHILL, E.C. (late of 2, Royal Exchange-buildings), TRANSACT EVERY DESCRIPTION OF MINING BUSINESS, on commission only, and are in a position to obtain reliable information respecting all dividend and

H I E L E 'S P A T E
SCHIELE'S PATENT TURBINE WATER WHEELS,
PLATT AND SCHIELE'S PATENT SILENT FANS.
SCHIELE'S PATENT BLAST ENGINES,
SCHIELE'S PATENT VENTILATORS for SHIPS.
PLATT AND SCHIELE'S DATENT VENTILATORS FOR SHIPS. SCHIELE'S PATENT SILENT FANS.
SCHIELE'S PATENT BLAST ENGINES.
SCHIELE'S PATENT WENTILATORS FOR SHIPS.
PLATT AND SCHIELE'S PATENT MINE VENTILATORS.
SCHIELE'S PATENT GOVENNORS.
SCHIELE'S PATENT GOVENNORS.
PLATT AND SCHIELE'S PATENT COMPOUND FANS.
SCHIELE'S PATENT COMPOUND BLAST ENGINES.
NOTICE IS PATENT COMPOUND BLAST ENGINES.
NOTICE IS PATENT COMPOUND BLAST ENGINES.
NOTICE IS PATENT COMPOUND BLAST ENGINES.
MOLE and EXCLUSIVE RIGHT IN MANUFACTURE and SELL the
MACHINES KNOWN and USED UNDER the ABOVE NAMES.
Mr. SCHIELE has NO INTEREST whatever in the ABOVE INVENTIONS,
having ABSOLUTELY ASSIGNED the SAME to MARTIN SCHUNCK, Esq., by
a deed dated 14th July, 1863, executed pursuant to an order of the Lancashire Court of
Chancery

Chancery.

Every attempt to use the above machines (unless purchased from the North Moor Foundry Company), whether under alleged "new patents," "latest patents," or "patents of 1863," or any other similar ad captandum title, will, immediately on its becoming known, be made the subject of legal proceedings.

LEWIS, DARBISHIER, AND ASHWORTH, Solicitors, 21, Brown-street, Manchester.

THE PROGRESS OF MINING IN 1862,
BEING THE NINETEENTH ANNUAL REVIEW.
BYJ. Y. WATSON, F.G.S., Author of the Compendium of British Mining (publishedin 1843) Gleanings among Mines and Minera, &c.
The EIGHTEENTH ANNUAL REVIEW OF MINING FROORESS appeared in the MINING JOURNAL Of December 28, 1861, and January 4, 1862.
A FEW COPIES of the REVIEW OF 1855, containing Statistics of the Metal Trade the Dividends and Percentage Paid by British and Foreign Mining Companies, and the State and Prospects of upwards of 200 Mines. Also a FEW COPIES of the REVIEW OF 1852, 1853, and 1854, MAY BE HAD on application at Messrs. WATSON and CUELL'S Mining offices, 1, 8t. Michael's-alley, Cornhill, London.
Also, STATISTICS OF THE MINING INTEREST. By W. H. CUELL.

WATSON AND CUELL'S MINING CIRCULAR, WATSON AND CUELL'S MINING CIRCULAR, published every Thursday morning, price 6d. or £1 is. per annum, contains Special Reports of Mines, and the Latest Intelligence from the Mining Districts, from an exclusive resident agent; also, Special Recommendations and Advice upon all subjects connected with Mining, and interesting to investors and speculators. A Record of Daily Transactions in the Share Market, Metal Sales, and General Share Lists, &c. Edited by J.Y. Watson F.G.S., and published by Watson and Cuell, 1,8t. Michael's-alley, Cornhill, N.B. Messrs. Watson and Cuell have made a selection of a few dividend and progressive mines, which they have reason to believe will pay good interest, with a probability, also, of a rise in value, the names and particulars of which will be furnished on application.

SPARGO'S STATISTICS OF AND OBSERVATIONS UPON THE MINES OF CORNWALL AND DEVON.

THE MINES OF CORN WALL AND DEVON.

IMPORTANT TO INVESTORS IN MINES.

Now ready, second edition, price is. 6d., by post is. 8d.,

THE HISTORY AND PROGRESS OF MINING IN

THE CARADON AND LISKEARD DISTRICTS.

By WEBB AND GEACH, of the London Stock Exchange.

A good guide for investors, if they wish to invest in the mines of the district to which the book refers. By a careful perusal of its pages they cannot err. It is a carefullywritten and well-authenticated book.—Clip Press.

London: Published by Effingham Wilson, Royal Exchange, E.C.

MINING, LAND, AND RAILWAY SURVEYING, &c.: Containing the Errors of the Magnetic Needle, Practical Geometry and Trigo-try, with Description and Use of the Miners' New Transit Theodolite, Also, a clean of Setting Out Railway Curves, Levelling, &c., underground. With 100 pages les, the whole illustrated by numerous plates and wood-cuts.

By H. D. HOSKCLD, Mining Engineer and Surveyor.

Publishers: Atchiey and Co., 106, Great Russell-street, London, Sent carriage free.

Now ready, Vol. I., Part 3, 800 pages 8vo., illustrated, by 400 wood engravings, price £1 13s.,

H E M I C A L T E C H N O L O G Y.

By Dr. THOS. RICHARDSON, and H. WATTS, B.A., F.C.S.

Containing ACIDS, ALKALIES, and SALTS, their manufacture and applications, this volume contains the important articles on Soap and Grease.

Vol. I., Fart 3, No. 2, completing the volume, 8vo. illustrated, containing Soap and irease, price 16s. Vol. I., Fart 4, No. 1, 256 pages illustrated, price 10s.

In one volume, post 8vo., with 600 illustrations, price 12s. 6d.,
GANOT: TREATISE ON PHYSICS, EXPERIMENTAL
AND APPLIED.

Edited, from the ninth edition, with notes, by E. ATKINSON, Ph.D., F.C.S.,
Lecturer on Chemistry and Physics, Royal Military College, Sandhurst.
London: H. Bailliere, 219, Regent-street.

Now ready, demy 8vo., price 3s. 6d., cloth 4s. 6d., by post 4d. extra, specially ravised by the authors,
HISTORY OF THE TRADE AND MANUFACTURES OF THE TYNE, WEAR, AND TEES.
Comprising the local papers read at the recent Meeting of the British Association in Newcastle.

Pablished by Messrs. M. and M. W. Lambert, Newcastle-on-Tyne.
London: E. and F. N. Spon, Bucklersbury.

NEW WORK ON THE VENTILATION OF MINES

By RALPH MOORE, Mining Engineer.

sgow: M. Ogle and Son, Exchange-square.—London: Hamilton, Adams, and Co.

Paternoster-row.

### Hotices to Correspondents.

\* Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be regularly Aled on receipt: it then forms an accumulating useful work of reference.

NOT TO BE MARKED."—" D. J." (Glasgow) may be correct in his assertion that our remarks were calculated to tell harshly upon certain companies upon which no reflection should have been cast. We find that it is a principle of the Stock Exchange not to admit limited companies with less than 50,000, nominal capital. Our observations would, therefore, accarely apply to the smaller companies, which are liable to exclusion simply because the capital is "too" small. We refer "D. J." to another column for the precise rules of the Stock Exchange upon the subject.

SHARE DEALING.—We never interfere in the sale or purchase of shares: neither do we recommend any particular mine for investment or speculation, or broker through whom business should be transacted. The addresses of most of the latter appear in our advertising columns.

# THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, OCTOBER 17, 1863.

Our definition of the words "not to be marked," appended to the announcement of the Committee of the Stock Exchange appointing a "settling-day" for the shares in new companies, as published in the Mining Journal of last week in reply to a correspondent, has, we regret to find, given dissatisfaction to several secretaries of companies the shares in which are not quoted in the Official List; yet we find that, generally, our explanation was correct; although there are unquestionably instances in which the directors of an excluded company could give highly satisfactory reasons for their shares not being officially quoted. The Committee of the Stock Exchange are extremely careful in the exercise of their power of countenancing a new company; and the ordeal which has to be passed through before official quotation in the List is granted is of a very severe character, as will be seen from the rules relative to the appointment of "settling-days" (so far as regards public companies), which we subjoin:

The Committee will appoint a settling-day for a new railway, or other industrial com-

contracter, as will be seen from the rules relative to the appointment of "settling-days" (so far as regards public companies), which we subjoin:

The Committee will appoint a settling-day for a new railway, or other industrial company, provided sufficient scrip or shares are ready for delivery, and no impediment exist to the settlement of the account. The application for a settling-day must, in the first instance, be laid before the secretary of the rullways department, who shall give two clear days' notice to the Stock Exchange previously to its being submitted to the Committee. The Committee will also order the quotation of such company in the Official List upon the following conditions:—That the company is of a bone fide character, and of sufficient magnitude and importance. That not less than two-thirds of the share have been applied for, and allotted, and the deposit paid thereon (it being expressly understood that sharer served for future issue, or granted to projectors, concessionnaire, or owners of property, in lieu of money payments, will not be considered as forming any portion of the two-thirds subscribed; and that shares to be granted to contraction for works to be executed must be specially so described, and will in no case be admitted by the Committee as representing part of the subscribed capital if exceeding one-fifth of the whole capital. The application for a quotation must be accompanied by the following documents:—The prespectus, with any evidence that may be required as to it correctness; and that the company, if a foreign one, is formed according to the laws of the country in which it originated. An official certificate from the company, stating the number of shares applied for and allotted, the amount of deposits paid thereon, and the number of shares applied for and allotted, the amount of deposits paid thereon, and the number of shares applied for and allotted, the amount of deposits paid thereon, and the number of shares applied for and allotted, the amount of deposits paid thereon, a

IN

the we gisli that the in 1 pace already the in 1 pace already the interest in the interest in

insta wha diffic ledg tent mine obta of the spea they certi rised ever mine T tical men

HAM, ION 8, q., by ourt of

tors,

8 6 2, shedin LINING Trade

AR, ontains rom an

PON

IN

, &c.:

gs. G Y. cations;

AL .S.,

lly

S OF tion

NES nd Co.

our re-

er do we through ppear in

the an-INING which

ry rea-

ower o passed

nent of

rial com-

nt exists
the first
tive two
he Comne Official
ter, and
te shares
saly unnnaires,
ning any
nt admitted
one-fifth
the laws of
ating the
com, and
bankers
received
litotments

tion, the

okers (if any) of the contractor, agent, or company, must attend the Committee, to give ch information as may be deemed necessary.

such information as may be deemed necessary.

The shares of a new unining company shall not (except under special circumstances be quoted in the Official List, unless they be registered and transferred under the provisions of limited liability; or upon the Cost-book System, under the protection of the

The soarse of a new mining company shall not except under special circumstances) be quoted in the Official List, unless they be registered and transferred under the provisions of limited liability; or upon the Cost-book System, under the protection of the Stannary Laws.

In settlements of shares of companies under the Limited Liability Act, when the allottees have signed Articles of Association, the delivery of shares must be by Deed of Transfer; and in cases where no such articles have been signed, and scrip certificates only have been issued, the Committee will not fix a settling-day, unless the scrip bear actain of 1d., and a limited period be atipulated in the scrip certificates for their registration.

The Committee shall fix the settling-day for English stock at least eight days previous to the settlement of the pending account; and those for forign stock, shares, &c., for the succeeding month, at the first meeting of the Committee in each month; of which the secretary shall give the usual notice.

With regard to the Committee's mode of determining whether a company (although it may be of a bona fide character) is "of sufficient magnitude and importance" to be quoted or otherwise, it is very easily understood: they do not usually admit (yet they have no written law upon the subject) any company, unless it be a mining company, upon the Cost-book System, and under the protection of the Stannary Laws, whose nominal capital is less than 50,000l. The principle which guides them in thus acting is intelligible, and evidently just to the public: it is argued that a limited company, with a capital of less than 50,000l., is scarcely entitled to be designated a public company, inasmuch as many individual members, as well a new that the secure that the secure that the secure of influencing the market to almost any extent. This being the case, it is obvious that in these smaller companies there is less certainty that the dealings in the market will be regulated either by the relative position of supply and demand, or

### INSPECTION OF MINES-CERTIFICATES TO MANAGERS OF MINES-SCHOOLS OF MINES, &c .- No. II.

INSPECTION OF MINES—CERTIFICATES TO MANAGERS-OF MINES—SCHOOLS OF MINES, &c.—No. II.

In the opinion of Mr. Wyne, as expressed in his official report to the Government, a good resident manager is of absolute necessity at every collicry of magnitude. He regrets that the number of accidents in his district has increased; and he ascribes the cause of this increase to the want of constant, careful supervision, by which alone discipline can be enforced, and obedience to general and special rules for the safe working of the collicry can be ensured. Now, in matters of opinion there is, of course, is all cases, scope for discussion; and there are, undoubtedly, some experienced mining individuals who are prepared to say that an engineer-inchief or head viewer may, with propriety and safety, take upon himself he responsible direction of more than either one or two collicries of magnitude; and they will also be prepared to show how such an organisation of management possesses many advantages vastly superior to any that can be pointed out as being peculiar to the plan of having a resident responsible manager, however well qualified such a manager may be. Such statements may have the appearance of opposition to the opinion expressed by Mr. Wynne about the absolute necessity for a resident and properly qualified amanager to every large colliery; but they in reality, and on the contravy, corroborate that opinion. An able and competent engineer, with several collieries under his direction, will be careful, for his own sake, to have a superior of the contravity of the c

And, moreover, they cannot always obtain work at other places, were they disposed to leave the one they occupy. Looking at the subject, therefore, in this light, we maintain that the master should not be allowed to emin this light, we maintain that the master should not be allowed to employ whomsoever he will as his manager. There is another reason, however, equally powerful with the one we have just given, for the establishment of a law controlling, to some extent, the will of a mine proprietor in the engagement of a mine manager. We refer to the fact that in many instances, as Mr. Dunn says, the proprietors themselves know nothing whatever about underground mining; they are practically ignorant of its difficulties and dangers, and totally unacquainted with the kind of knowledge a mining engineer should possess, and, therefore, they are incompetent to judge of the qualifications which an applicant for the place of mine manager under them should have. It may be argued that they can obtain testimonials of a candidate's ability from others who are able to judge of the necessary qualifications. It is well known, however, that, generally speaking, these kind of testimonials, however truthfully and conscientiously they may be given, are not, nor can they be, of such value as would be certificates given by an examiner, or a board of examiners, legally authorised and appointed by Government to sift and test a man's ability, in every respect, for the proper discharge of the very responsible duties of mine manager.

mine manager.

The position and conclusion we, therefore, come to is truly and emphatically as follows:—That, according to the united testimony of the Government Inspectors, as given in their official reports to the Government, and according to our own personal knowledge of the matter gathered by experience and observation, and from the statements of scores of intelligent

THE MINING JOURNAL.

The promose engaged in mining, there is an anneal loss of a large number of lives in the mines of Great Britain, occasioned entirely by the lignorence and installity of the repossible mines managers; and that call some legislative measure is put into operation for the purpose of enforcing a standard great responsibilities of their situations, the Government itself is classify. The proposed in the proposed of the standard seasons are standard great responsibilities of their situations, the Government itself is classify. The conditions of competency obtained from a Covernment that of a committee of competency obtained from a Covernment than of a committee of competency obtained from the data, it is standard to the condition of the covernment that of a committee of competency obtained from a Covernment than of a committee of competency obtained from a Covernment than of a committee of committee of competency obtained from a Covernment than of a committee of committee of committee of committees of control of committees of committees

Caution to Colliers Proprietors.—At a special meeting of magistrates at Eckington, near Chesterfield, on October 9, Mr. Hedley, the Government Inspector of Mines, summoned Mr. Henry Rangeley, of the Unstone Colliery and Iron Works, for five breaches of the general rules of the Mines Inspection Act. A penalty of 5t. was inflicted in one case, and a nominal penalty of 1s. in each of the other cases, and costs. The provisions of the Act having been complied with immediately Mr. Hedley represented the omissions to Mr. Rangeley, it was considered that the above penalties would meet the claims of justice in the cases. Mr. Bushy, of Chesterfield, appeared for the Inspector, and Mr. Cutts for Mr. Rangeley. Coal Statistics.—We gave in last week's Journal the particulars of the

above penalties would meet the claims of justice in the cases. Mr. Bushy, of Chesterfield, appeared for the Inspector, and Mr. Cutts for Mr. Rangeley.

Coal Statistics.—We gave in last week's Journal the particulars of the quantity of coal forwarded from the coal fields of Derbyshire, Lancashire, and Yorkshire to the metropolis by railway for the nine months ending Sept. 30. Great as that tonnage was shown to be, amounting in the aggreate to about 400,000 tons, the quantity received by sea from our northern coal feds, within the same period far exceeds it, as will be seen from the subjoined statistics. During the nine months of the present year 2,835,294 tons were entered for London by sea from the following ports, and in the proportions mentioned:—From Newcastle, 810,697 tons; Sunderland, 535,913; Hartlepool and West Hartlepool, 462,364; Seaham, 178,962; 90,230 tons from Waies; from Middlesberd, 62,102; Yorkshire, 30,088; Scotland, 17,153; and from Blyth, 11,638; also 14,944 tons of small coal and 12,779 tons of cluders. The Wallsend coal forms the largest item in the supply, 1,202,365 tons, shipped in the following ratio:—Newcastle, 110,755 tons; Seaham, 99,957; Sanderland, 535,913; Hartlepool, 461,849; and Middlesbro, 6732 tons. The consumption of gas coal during the same period must have been exceedingly large, for 194,363 tons represent the imports for that particular kind. Newcastle supplied 36,312 tons; Sunderland, 16,792; Hartlepool, 894; and Scotland, 365 tons. Steam-coal is a comparatively small item, 63,391 tons from various collieries in Wales, 5020 tons from Newcastle, and 4618 tons from Hartlepool, 18,426; and Scotland, 365 tons. Steam-coal is a comparatively small them, 63,391 tons from various collieries in Wales, 5020 tons from Newcastle sends, from the West Hartley, 60,692 tons for Newcastle, and 46,662 tons from Hartley, Main, 23,931 tons. Sunderland, 132,695 tons of Lambton, 86,692 tons from the stratey Main, 23,931 tons; South Kaller, 50,931; Hartlepool, 44,632; South Hartlepool, 31,762; an

would be satisfactory to see an example of the Contbridge "hair" placed by its side—
W. J. Bernhard Shith: Temple.

Artificial Light.—On Monday the foundation-stone of the new retort-house of the Manchester Corporation Gasworks, at Gaythorn, was laid by the Mayor (Mr. Abel Heywood), and at the luncheon, which was afterwards held at the Town Hall, Mr. Curtis, the Chairman of the gas committee, stated that by Mr. Macfarlane's arrangement, as it would be carried out in the new works, they would be prepared to carbonise in each stack 4 tons 16 cwts. of Cannel, producing 48,000 cubic feet of gas, in 24 hours, with an expenditure of 15% cwts. of coke. Thus in the same space of building they would double the amount of their production, without increasing the cost of their expenditure for fael. Whether they had arrived so far as they could go in these respects time alone would show, but he thought they had already accomplished a grat deal. He found, by looking at the books that morning, that the consumption of gas last Friday was 3,233,000 cubic feet. He had calculated how many sperm candles would be needed to give the amount of light supplied by that quantity of gas, and he found that it would be 2,369,000.—Mr. Rumney, in responding to the tosist, "The Chairman of the Sub-Committees, and Success of the Building," said that one of the chief questions in connection with the extension of their gas-producing power was whether it was likely that there would ever be a cheaper artificial light? He thought there was no probability of such a thing at present. Experiments were made last winter by Dr. Frankland, an eminent chemist, now resident in London, and formerly of Owen's College, the result of which deserved to be widely known. He found that the illuminating power of 20 sperm candles for ten hours would coat as follows in the several artificial lights anmed:—Spermoset candles, S. 8. d.; paraffin candles, 3s. 10d.; tailow candles, 2s. 8d.; sperm oil, 1s. 10d.; paraffin oil, 6d.; coal gas, 4yd.; Cannel gas, 3d. Another cons

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

Oct. 15.—The Iron Trade continues as last reported; orders come in rather quietly, but there are large orders on hand, and prices are firm. If anything, pigs are a shade easier. The hardware trades are steady, without being brisk, but the tendency is decidedly towards improvement. In the Staffordshire Potteries the question of the adoption of the Factory Acts, recommended by a commission, is being warmly debated, and generally opposed, the clergy standing in opposition to it. There is, however, a disposition in favour of somewhat limiting the age at which boys and girls shall begin to work.—William Cartwright, a miner, middle aged, and married, was killed at a pit at Essington, last week, by the carelessness of the engineman. Deceased was loading the skip, and was on it when it was raised. He was crushed against the roof of the road, and died. The engineman, Thomas Wright, has been committed for trial on the charge of manslaughter.—In the case of a man killed at the Bournhill Colliery, near Wordsley, by a fall of coal, Mr. Baker, the Inspector, at the inquest elicited facts which showed a lamentable neglect of the rules, the witnesses being quite ignorant of them. The doggy of the pit, in answer to Mr. Baker, said he thought the putting up of a tree might have averted the fatal occurrence.—Mr. Baker: It is your duty, and a very important one, to counsel the men, and to see the timber put up, without leaving the pikemen to do so.—The Coroner: I must request you to read the rules to the men, for if another accident occurs in this pit you may find yourself in a different position.—Mr. Baker: In every case where it can be practicably uted, you should use powder, and afford the men an opportunity of getting out of the way.

### REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE,

REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

Oct. 15.—Though there is but little increase in activity in the manufacture of cotton, the general trade of the country is more healthy, and there are indications of a permanent improvement. The distress in Lancashire is largely on the decrease, owing to the employment afforded to the operatives under the Public Works Act. The Iron Trade is improving, and the demand for manufactured iron is generally good, more especially in the Midland districts, and there is a degree of firmness in the rates greater than has been known for some time past. Railway iron is in good request, and two large contracts are expected to be put in the market in the course of the next week for home supply. There is more animation prevailing in the Steel Trade, and manufactured steel is in better request. America continues to buy largely munitions of war, and, judging from the orders which several well-known firms have in hand, there is no probability of an early termination of the war. Pig-iron is much improved, and there is an active enquiry. The Coal Trade has shown a great improvement during the present month, and most of the large collieries have a market for all they can supply. The demand for the London market is much larger than at any period during the last season, and there is a brisk enquiry also throughout the provinces. The consumption for manufacturing purposes has increased; and as the winter approaches we shall have an augmentation in the demand for household purposes. At Clay Cross, Butterley, Staveley, and other large collieries, the greatest activity prevails. We have an increase also in the demand for steam coals, and now that the hard coal of Derbyshire has proved to be highly valuable for marine engines and locomotive purposes, there is an enquiry fully equal to the supply.

hard coal of Derbyshire has proved to be highly valuable for marine engines and locomotive purposes, there is an enquiry fully equal to the supply. As it is known that the great bulk of armour-plates manufactured by Messrs. Brown and Co., of Sheffield, are made from Derbyshire iron, and as these plates have been proved in the various trials to be the best, there is a great enquiry for Derbyshire iron, and many firms evinces a strong desire to emulate that eminent firm in their manufacture of iron for our armour-clads. Mr. Brown, the head of the firm just alluded to, is now on the eve of his second year as the Mayor of Sheffield, and he is about to mark the close of his mayoralty by giving two civic entertainments. Being a very popular man, he has consented to contest Sheffield at the next purlimmentary election.

a very popular man, he has consented to contest Snement at the next parliamentary election.

So much interest has been excited in different parts of the mining districts as to the nature and working of the monster engine lately erected by the Clay Cross Company, that Mr. W. Howe, the resident engineer, has consented to read a descriptive paper at the next meeting of the Mining Engineers' Institute, at Birmingham. It is one of the finest, if not the finest, specimens of a steam-engine in the Midland counties, and it does its work with remarkable ease. This firm are sinking a colliery 300 yards beneath the surface, and when completed it will be the most extensive in the Erewash Valley district. The Butterley Company are basily engaged with some large castings and plates, and they have made very extensive

men and the same a

preparations for plates and heavy work. They were the makers of the large engine erected by the Clay Cross Company. There is a very strong desire evinced by some of the workmen to agitate for an advance in wages, but, so far as we can learn, no intended movement towards a strike.

Nothing has transpired during the week of interest in regard to the Derhyshire lead mines, and the share markets have been inanimate.

The committee of the creditors of the Midland Ironworks have been in communication with the Inspectors, who have acceded to the request of the committee to continue their office; creditors who consider that the continuation of the works under inspection is not desirable, should communicate at ones with Mr. W. Powier. The reasons which have induced the creditors committee to adopt this course are explained in their memorandam to the Inspectors. They have discussed and considered all the circumstances of the case, and have committee to the continuation of a limited company by the creditors to the creditors present time be found for the works at a sum which would yield more than from 2s. 3d. to 4s. in 11. Which they are of opinion would not be satisfactory to the creditors and insting any additional capital from the public may possibly be advisable, yet the committee this that at the present time it week to move the absolute to avail themselves of it, would probably at the present consent by a barrier to a satisfactory arrangement.

5. That insumeds as the works are now in good condition, and are abandantly supplied with orders, that the proposets of the front rade are improving, and the works are profitable, the committee are unanimously of opinion that the interests of the creditors would be best secored by the works being carried on by the Inspector until such a time as a satisfactory disposition of them can be made. That there would be some difficulty in finding a private purchaser, more of the works, and the monthly profit, there are many persons who would former course open. Were the creditors beaul

On Thursday last a latal accident occurred at the Califat Pit, at Colcorton, belonging to Messrs. Worswick and Walker. The pit is situated about midway between Swannington and Colville, on the Midland Railway. The cause of the calamity was the failure of a coal-wall between the Califat No. 2 pit and the old Linby Hall workings adjoining, whereby a large influx of water was admitted. Two men are missing in the pit, and probably dead, one leaving a wife and nine children, and one boy was brought out dead, fieven horses are also wanting. Not any hopes are entertained of recovering the two missing men alive.

sieven horses are also wanting. Not any hopes are entertained of recovering the two missing most alive.

The applications for Letters Patent include—Messrs. J. Wood, J. Whitehead, and T. Tettow, engineers, for improvements in machinery or apparatus for governing the speed of stam-engines; J. Mather, of Crow Oaks, improvements in friction or glazing calenders; J. Vaughan, ironmaster, for improved apparatus for putifying wester gases from blast and other furnaces; P. B. Jackson, of the Rolling, Mills, Salford, for improvements in the manufacture of noops and tyres for railway-wheels and other purposes, and in the manufacture of noops and tyres for railway-wheels and other purposes and in the manufacture of noops and tyres for railway-wheels and other purposes and in the manufacture of noops and tyres for railway-wheels and diaxes employed in the processes of hardening and tempering steel and steel articles; T. Gidlow of Haston, oneal proprietor, for improvements in bearings for axies for railway or other carriages; and G. Mountfeed, of Leeds, for an improved construction of cotton gin.

### REPORT FROM MONMOUTH AND SOUTH WALES.

Oct. 15.— The position and prospects of the Iron Trade are better at the present time than has been the case for the last four years. The good reports at the Birmingham meeting have imparted a fresh stimulus to the trade, and almost servybody is looking forward with a cheerful eye to the future. I may state with confidence that there is hardly an ironmaster throughout Monmouth and South Wales who is not well placed as regards orders for the next two or three months, and many of the specifica-tions have been accepted after the advance in quotations. Some discon-tent has been manifested by the puddlers at Dowlais, owing to the fact that the promised advance is not to exceed 10 per cent, which is less by 5 per cent, than what is expected to be the rise at two or three other works. It would be well for the Dowlais men to consider that they are always mid in the sterling coin of the realty at this circuits exactlying always paid in the sterling coin of the realm at this gigantic establishment, and there is no indirect influence brought to bear to send them to a particular shop to buy their necessaries, and pay, perhaps, 10 per cent. more for them than the regular price. Unfortunately, "truck" is still carried on in this district to an enormous extent, and where the men are not shackled by this condemned system, as at Dowlais, a 10 per cent. rise not shackled by this condemned system, as at 10 wans, a 10 per cent. The in wages is quite as good as 15 per cent, where there is a shop that must be supported. The introduction of Northamptonshire ore in the manufacture of Welsh iron seems to have succeeded beyond expectation, and a large quantity is now being sent, by Messrs. Bevan and Co., to the Monmouthshire and East Glamorganshire Works. Under the able management of Mr. T. E. Williams, C.E., the works of this firm at Golynos have turned out a deckied success, and it has been determined to light mother. turned ont a decided success, and it has been determined to light anothe farrage. The Plymouth Works have now completely passed into the hands of Messrs. Fothergill and Co.; Mr. Joseph is to continue to occupy hands of Mesers. Fottergall and Co.; Mr. Joseph is to continue to occupy the position of manager. The reported negociations for the purchase of the Pontnewynydd forge, by the Millwall Company, is not generally credited, and the rumour is put down as having no foundation in fact. The activity noticed in my two or three last reports in the steam coal trade continues, and the demand is still unusually good. The advanced quotations determined upon by the Cardiff coalmasters are readily submitted to be haves, and the best steam cannot now be hought mader [9, 6d. to to by buyers, and the best steam cannot now be bought under 9s. 6d. to 10s., f.o.b. The house coal proprietors are fairly off for orders, and New-port red ash is quoted 9s. 3d. to 9s. 9d., f.o.b. The dispute between Messrs. Booker and Co. and their colliers, at Pentyrch, has been arranged, and the men have recommenced working. Messrs. Bevan and Brower have taken to the working of the Tillery Collieries, and it is intended to

bdn. No. of vessels. Tons regis. Tons bdn 16
283   285   31,152   33,772   28,773   28,773   28,274   28,384   28,274   28,384   28,274   28,384   28,274   28,384   28,274   28,284   28,274   28,284   28,274
20.77

### FOREIGN MINING AND METALLURGY.

An interesting report has just been presented on the mining industry of the Franch department of the Hérault, the document taking the form of a report by the prefect to the Council General of the department. It appears that the production of the various concessions granted is making progress, although the concessionary companies complain greatly of a scarcity of labour and inadequate means of transport. In 1862, six concessions of coal and three concessions of limits of which 125,560 tons were soid. In 1861 the same concessions only yielded 105,677 tons, of which 07,201 tons were soid. In 1861 the same concessions only yielded 105,677 tons, of which 07,201 tons were soid, showing an advance lat year of 21,222 tons of the concessions—becomes to the concessions—broad to secure from elsewhere the working miners whom the district itself fails to apply. A steady and continuous progress in the company operations is, consequently, observable. During the first half of the current year the production reached a total of 7000 tons, atthough the company does not possess all the means of working which it requires, and which it is gradually endeavouring to obtain. The organisation of the company is about to be made more efficient, so as to enable the works of installation to assume proportions the effects of which will soon be reflected in a considerable increase in the production, which may be carried to a high point, in consequence of the great wealth of the bearings workshie. Mesers. Dardenne, Platzard, and Co., produced from the two concessions of St. Genice de Varenaal and Roels 2026 more tons of coal last year than 1861, and the saie expanded by some 2298 tons. The mines cannot, however, make much solid and enturing progress until the railway communication to them is improved. It is proposed that the concessional to the company, the organised into a necession of the great wealth of the spectrum was a consequence of the g An interesting report has just been presented on the mining industry of the French department of the Hérault, the document taking the form of

a rise in prices. Circumstances appear to justify the decision arrived at, but matters must not be exaggerated so as to convert into a temporary rise what might prove otherwise a serious and lasting revival in quotations. The new raise fixed by the meeting were as follows:—No. 1 front, finite-class, 6f. 8s. per ton; rails, 6f. 4s. per ton; place, Nos. 2 and 3, 9f. 8s. and 10f. 4s. per ton (a vise of 1s.); and No. 4 casting pig, 3f. 14s. per ton (a vise of 1s.); and No. 4 casting pig, 3f. 14s. per ton and pig; and with respect to the other measures taken, it should be understood that the prices indicated are not obligatory, and that even the forge-masters present did not enter into any engagement to observe them. Another subject which occupied the meeting at considerable length—without, however, any definite rasult—was the establishment of a Bourse for the continued and siderurgical/industry. It is worthy of note that the lowest price offered in connection with the supply of rails to the State system of thus was its, per ton in excess of preceding rates, although the guarantee required by the administration as to the duration of the rails has been reduced from five to three year. All the Belgian markets still point upwards. Refining pig is not dealt in at less than 3f. 4s. per ton at Charteroi, and industrials decline to enter into engagements for long periods. Merchanta' irons have advanced 6f. 8s. per ton, having become the general "figure," plates have also participated in the rise. Casting pig has been in good demand, and prices have rises; No. 5 stands at 3f. 14s. per ton. A scarcity of boats still checks the movement of coal by water, to the profit, of course, of the rails has given to the profit of course, of the rails has complete the enter of the profit of course, of the rails has complete the second to deep the minimum solists, the existence of which at lawy companies. Regular orders have arrived, but for some weeks past the position of the market has not improved, and the prices fixed are not preserve

that the extraction of the Mons coal basin last year was \$,585,780 tens, 87 pits, occupying \$1,184 men, being worked; as compared with 1881, the extraction last year showed as reduction of 185,000 tons.

At Paris, in presence of the improvement which English coppor has perienced, and the activity of the Havre market, a scrious revival is hoped for in copper. English in plates is quoted 95%, Lake Superior 108%, rough Chilian 90%, and Corocoro mineral 94%. At Havre the sales of Lake Superior have been insignificant during the past month. One lot of Minesots realization of the part of the past month. One lot of Minesots realization of 110%, and as to other marks, it is hoped that the re-exportation induced by the high prices prevailing at New York will set the market free; the stock at the end of Seq. amounted to 951 tons. Affairs in Chilian continue to be very active, thanks to the confirmation of the advices reporting a large reduction in the production, and in the deliveries from the southern seas, and the probability of purchases in Europe for the United States at the commencement of winter; prices are also below the average of the hardfour years, although the stock, which had attained at one time in England a total of 22,000 tons, only amounts now to from 12,000 to 13,000 tons. The sales amount to 750 tons, disposable and to be delivered, at 87% to 89% per ton. The upward movement is still sentiamed, and the last advices amounce considerable transactions, as well in disposable in the liveries, to be made at future dates. The stock, Sept. 30, was 1885 tons, Ar regards minerals, 15,200 tons of Corocore have been imported and passed to consumption; \$\frac{1}{2}\$ tons of old copper have been recently sold at 57% for red, and 52%, for yellow (the last being of inferior quality). On the German markets the state of affairs has been tolerably frame, There is no important modification to report in tin. The Amateriam and Rotterdam markets bave been weak. Paris has been quiet at more firmly-sustained rates, Bance making

### MINING IN AUSTRALASIA-MONTHLY SUMMARY.

ADELAIDE, AUG. 25.—The improved tone of the English market has caused prices of Coppor to advance here. Sales of Burra copper have been made by tender at 89%. 5s.; but the Wallaroo and Moonta Companies are asking 90%, per ton. Galvanized iron is not quite so firm. There have been several arrivals of wire, and the price has declined. It is now worth 13%, 10s. to 14% for bright, but it is not so saleable if it be varnished. At auction the following sales were made:—Best spring steel, 26%, 10s. per ton; builcok chains, 11%, 15s. to 13%; horseshoes, 8c. per cwt.; and about 110 tons BBH bar-iron, assorted aizes, at 9% to 11% per ton. Coals are very dull of sale. English have been quoted as low as 40s., whilst Sydney are worth 27s. to 28s. rth 27s, to 28s.

Best spring steel, 261, 10s. per ton; builook chains, 11. 13s. 13s.; horsebabee, 8: per cwit; and about 110 tons BBII bar-iron, assorted sizes, at 9.t. to 11c. per ton. Coals are very dull of saile. English have been quoted as low as 46s., whilst Sydney are worked to the steel of the steel

sport Perf and the question of our 2, or 5, or 5

tions of the tion of the tion of the tion of the that of tion the ade years, as then general or long general or long general on the tion of the tion

rough

realised he high of Sept., the conhe deliUnited the hast total of a to 750 meat is 1 in diss5 toms, ensumpow (the ase been to Amsfirmlyca have per ton,

Y.

et has

e been
ies are
several
r bright,
nade:—
oes, 8s.
Coai
ney are

e ; the

coveries
cov

mantoo oundary ; 4 tons

t Gree

nn, &c., southern rass, are I to be a

quantity old Ade-or 20001. shaft is appear to

company, includ-Duryes he Yetts ground, so Mines pany has tily been of Clin-ter-worn w copper tention.

ore reto can be
The promose reto years
in Mines
the ore is

al Com

s report

at quese e Comshis opiset uponh to warallested; the valer
Catherine there is a
depth of with Mr.
Old Mate.
David Compand.
Frisque at the compa

seris that the same result might be obtained in the Clunes Company's mine if the pro-

asserts that the same result might be obtained in the Clunes Company's mine if the process of selection were continued.

The varietous quarts companies continue to obtain about the usual returns—for instance, Mr. Cowas reports of the quarts companies in his division, for July, that the average yield was a fraction over 2 dwts. 1954 grs., below that of May. Mr. Fitzpatrick's division gave a fraction over 2 dwts. 1954 grs., or 1754 grs. below the average of June. The Two Tun Guily Company obtained and its lings. Mr. Stevesson reports as follows of the quarts and cement companies in the Creawick division for July:—The Fort Phillip Company crushed 3132 tons, which gave an average yield of 8 dwts. 23 grs.; the Victoria Company crushed 3132 tons, which gave an average yield of 8 dwts. 35 grs.; and the Clines United Company crushed 405 tons, which gave an average yield of 8 dwts. 16 grs.

At the Hailarat Quarts Company (quarterly) meeting, it was stated that 71 tons of stone had yielded 64 ozs. 15 dwts. 22 grs., and a sample of 5 cwts. 3 grs., taken from another rich lode, about 16 inches thick, had yielded 4 ozs. 3 dwts., or an average of about 9 czs. to the ton.

At the Black Hill Company meeting the accounts showed a nett profit to the credit of the milling account for the half-year of 3724f. 5s. 36. From this there had been appropriated the sum of 1860f. for dividends in April, leaving a balance of 1164f. 5s. 3d. available for dividend, which the directors advised should be supplemented by 495f.15s.9d. from the reserve fund, leaving the reserve fund at 2379f. 10s. 6d. During the half-year (584f. Ss. 11d. had been expended in the purchase of claims, and 478f. 7s. 4d. In additions to the plant. It is a fact worth mentioning that the Black Hill Company obtains the state of the plant. It is a fact worth mentioning that the Black Hill Company dividend in April, leaving a balance of 1164f. 5s. 3d. available for dividend, which the dividend for the fortnight of 606f. on the last half-year of the same period being a bar o

### AUSTRALIAN MINES.

gr 2 data. 14 grs. per ton. The receipts for the month amounted to 2514., and the expense to 3414.

AUSTRALIAN MINES.

KAPUNDA.—The quantity of ores raised in June was 277 tons, of 18 per cent. average produce, equal to 514 tons of pure copper, exclusive of 170 tons of relighter one for flux. The quantity raised in July is estimated a shout 350 tons of good and considerable activity is reported in all the pitches and other works. The 51 tons of pure copper, exclusive of 170 tons of good and considerable activity is reported in all the pitches and other works. The 51 tons of the quantity made in August, 41 tons had been forwarded to Melabourne for tranship-and, the contract of t

THER SECURITIES at Goose profess. The storage in last on the 190 are working with our management of the 30 are working with our management of the 190 are working working the storage of the 190 are working working which has the soft of the 190 are working working which has been described to support on the workings previously executed by the company of the 190 adjusted that the first step necessary to be akter working of the has well as a working with the adjusted that the first step necessary to be taken working which has been continued in the working as well as a working which has been continued to the support of the purpose), almost inmediate each of the purpose), almost instance the first step necessary to be taken working as the has desired as the wards and the hashest of the south-west. The require of the variety shall to that which is strated the further to the south-west. The require of the variety shall to that which is strated the further to the south-west. The require of the wards are continued to the purpose of the purpose of the purpose of the purpose, only and purpose of the purpose, only and purpose of the purpose

[EXTRACTS FROM OUR CORRESPONDENCE.]

MINING NOTABILIA.

[EXTRACTS FROM OUR CORRESPONDENCE.]

BRYNFORD HALL MINES SOLD on the 8th inst. 10 tons of lead ore, the produce of one month; 3 tons, at 13t.; and 7 tons, at 12t. 15s. 6d. per fm.: together, 129t. 8s. 6d. The prospects of this concern have been steadily improving of late, and regular monthly samplings of lead ore may be confidently looked for. The mine is productive at all points, and must soon become of values as an investment.

GREAT WHALL VOR.—Wheal Metal looks well, and they have a splendid lode at 1sey's shaft, perhaps the best in the county.

POLHIGET MOOR.—Another call in this mine, of 4s, per share. But let not the holders be alarmed; for one of the committee has been buying a large number of shares, which would not be the case if the prospects were bad. Trust is it he shares, with about 2t, paid up, are to be bought at from 15s. to 21s.; but they are elseng, when we consider that in another six months a dividend might possibly be dealered. It may be a small one, but that the mine will be a profitable one all who visit it believes. I believe Polhigey Moor, as a tim mine, will be most productive in a few months.

WHEAL CURTIS.—The lode in the 10 cast is worth fully 8t, per fm. for copper ors. The lode in the 20 is also improving, and producing stones of ors. The mine never looked so well as at the present moment.

THE MARAZION DISTRICT.—The recent improvement in Tolvadden has called attention to this district. The general opinion in the neighbourhood is that the improvement will turn out to be of a most important nature, its situation being in that part of the mine which almost immediately adjoins Neptune, where such immense returns were obtained. Shares will command a great rise.

EAST BOTTLE HILL.—Some good work for tin has been taken from the north part of the lode recently cut in the cross-cut adit going south. The adit will be continued as fast as possible, so as to intersect the other lodes. This property is highly spoken of by mining agents from Devon and Cornwall who have inspe

turns out to expectations St. Just Consols will outvie some of its neighbours; in next, I firmly believe it to be a spiesdid property, and well worthy the attention of every one concerned in mining.

West Wheal Martha.—Another very important discovery has been made during the past week on the copper lode. A parcel of ore is now being dressed, and will be sold in about a fortnight. The silver still continues.

Chiveeron Wheal Rose.—This property bids fair to become a prize such as is rarely to be found; eleven lodes are proved to exist in the sett, each containing silver-lead of a high percentage. The main lodes are a continuation of those so profitably worked in the celebrated East Wheal Rose, and from which upwards of \$31,0001, was realised from sales of lead ors. During the past week two new champion lodes have been discovered, averaging from 8 to 10 feet wide, yielding lead from surface, which contains from 40 to 50 set of silver to the ton of ore. Cross-cuts are being driven from the deep adit level to intersect these lodes at about 30 fms. deep, when it is expected a large extent of tribute ground will be opened up, independent of that siready opened upon in the various lodes referred to. The shareholders have acted wisely in deciding to erect a 50-in. cylinder-engine, which will be of ample power to effectually develope the numerous lodes contained is the property, and for crushing the ore, so that in a reasonable time large and continuous dividends may be fairly anticipated. The mine has been examined by an official subority, who fully continue the favourable reports of Capts. Thomas, Champion, Richards, and Phillips.

WHEAL SETON.—The 140 west has improved, the 150 east is still in a good course of ore, and the bottom of the mine never looked better. The 150 west is looking kindly for improvement, and now worth from 2 to 3 tons per fathoms. As a looking kindly for improvement, and now worth from 2 to 3 tons per fathoms. At Caradoon United the shaft is clear 15 fms. under adit, and the agent

soon as possible, the iron castings being now on the mine, when returns of both in and copper will be made.

Crane.—The 30 west is looking better, and worth about \$L\$ per fm. The 60 west is not changed since former report. In the shaft on the Brigan lode the lode is looking well.

The ST. JUST UNITED MINES are now attracting considerable attention. The rapid progress making towards the completion of the surface operations is highly satisfactory. The new steam-whim, and additional thirty-two heads of stamps will be completed by the end of this month, which will give as crushing power of eighty heads of stamps; this must necessarily greatly increase the returns, and as the extraordinary outlay for surface operations will have ceased, the result, byond all doubt, will be large and profitable returns. The copper lode is also now reached, and will be ready for operating upon as soon as the drawing-whim is complete; these lodes promise to be of great value to the company; they run under the sea, and form a junction there, which gives every indication of an immense deposit of mineral wealth. This is a part of the company's property which has hitherto been but little sotiect, but is now so her tested as to lead to the conclusion that it is by no means a secondary portion of the property.

CITY OF LONDON CUSTOM.—The custom of the City of London, on a plaint being entered in the Lord Mayor's Court in a case of foreign attachment, to attach a debt due to the defendant from a third person upon his being found within the jurisdiction, is void in law, unless the parties are citizens of London, or resident in the City, and the original debt, or that due from the garnishes, accrued within the City. The Court of Exchequer Chamber has thus decided, affirming a decision of the Court of Exchequer in the case of the Lord Mayor and Aldesmen of the City of London v. Cox.

MR. BRENTON SYMONS, MINING ENGINEER AND SURVEYOR, has RETURNED from CORNWALL, and may be consulted until further notice at 18, Hatton-garden, E.C.

JOHN GLEDHILL AND CO., MINE AGENTS AND SHAREBBOKERS, MINING OFFICES, CORN EXCHANGE, LEEDS.

CHIVERTON WHEAL ROSE MINE—NOTICE TO BUILDERS, &c.-TENDERS will be RECEIVED by Capt. PRILIPS, on the mine, for the immediate ERECTION of ENGINE HOUSE, BOILER HOUSE, and STACE, adapted to a 50 in. engine. Also, for such other buildings as the instant prescution of the mine may demand. The contractors will be bound to complete in such time as the company's engineer may determine. Plans and specifications to be seen with Mr. W. H. Grav, engineer, St. Austell.—Dated October 12, 1863.

A GERMAN CHEMIST of PRACTICAL EXPERIENCE in the MANUFACTURE of IRON, and provided with the highest testimonials and recommendations, is DESIROUS of a SITUATION in an IRONWORK.—For full particulars, apply to "T. B.," 21, Canterbury-place, Lambeth-road.

PAILWAY CHAIRS.—RAILWAY COMPANIES
ENGINEERS and CONTRACTORS are respectfully INFORMED that the
ADVERTIBER IS ENABLED, by his NEW and IMPROVED PROCESS OF CHAIR
MAKING, to EXECUTE ORDERS for CHAIRS in a SUPERIOR MANNER, with
the greatest dispatch, and at unusually low prices. EVERY DESCRIPTION of IRON
and BRASS CASTINGS made promptly to order.

G. EVANS, EMLYN FOUNDRY, NEWPORT MONMOUTHSHIRE.

WANTED, by a young man, a SITUATION as SECOND CAPTAIN, or HEAD CLERK, to go abroad.—Information of what he can manage to be had by addressing "Horns," Liangynog, near Oswestry.

WANTED TO PURCHASE, a SECOND HAND 25 horse
HIGH PRESSURE ENGINE, adapted for winding and pumping.—Particulars,
stating price, to be addressed to Mr. Thomas Houses, 3, Temple-row, Wrexham.

WANTED, a WATER WHEEL, 40 to 45 ft. diameter, 2½ to 3 ft. oreast. Also, 24 heads of stamps, complete.—Apply, stating price, &co., to Capt. Rich, Bodmin.

QUARRY INSPECTION.—A PRACTICAL QUARRYMAN, who is well as several in Levonshire and Cornwall, OFFERS HIS SERVICES to INSPECT SLATE QUARRES, and to furnish trainful reports thereon. Highly respectable references given if required.—Address, "Quarryman," Mining Journal office, 26, Floet-street, London.

S LATE QUARRY—TO CAPITALISTS, SOLICITORS, BROKERS, AND OTHERS.—The ADVERTISER is DESIROUS of DISPOSING OF, on advantageous terms, a VALUABLE SLATE QUARRY in CARLARYONSHIRE. Or would be happy to treat with a respectable party to form a limited liability company to work the same.—Address, William Monnis, Esq., Minnagous Journal office, 26, Fleet-street, London, E.C.

METAL TUBES AND CYLINDERS.—The ADVERTISER has COMPLETED an IMPROVEMENT in MACHINERY for MANUFACTURE of SANE, which is protected at home and abroad. He is now DESIGNOUS of JOINING with a CAPITALIST to FURTHER the UNDERTAKING, which promises to be a valuable one. A machine is ready for view.—Apply to JNO. KENDRICK, 20, Easy-row Birmingham.

TO PROMOTERS OF PUBLIC COMPANIES,
SOLICITORS, AND OTHERS.—WANTED, the ASSISTANCE of a SULTABLE PARTY, to FORM a LIMITED LIABILITY COMPANY, to WORK A VALUABLE COPPER MINE IS MERIONETHSHIRE, NORTH WALES. Or the property would be sold on reasonable terms.—Apply to Mr. PRITCHARD, MINISG JOURNAL office, 26, Fleet-street, London, E.C.

MINING PLANT FOR SALE.—An excellent 21 in. cylinder STEAM PUMPING ENGINE, a DRAWING MACHINE, a 6 head stamps, WATER WHERLS, balance bobs, 6, 7, and 9 in. pumps, and other mining plant.—Apply to "S. W.," Post-office, Callington, Cornwell.

FOR SALE, an excellent 30 in. cylinder PUMPING ENGINE, 9 ft. stroke, equal beam. - Apply to Mr. Hozzow, Lelant, Cornwall.

F OR SALE, 194 in. FORCING PUMP, 14 in. LIFTING PUMP, HAND PUMPS, pumping crank, lifting screw, pit chain, and other colliery material.—Apply to Mr. JOHN FARLER, Nalises, near Bristol.

SIGFORD CONSOLS.—The LEASE of this MINE and MACHINERY, as offered for sale by Mr. Wall, on the 13th Instant, was PURCHASED by Mr. W. H. GRAY, of St. Austell, Cornwall. Authorion, October 15, 1365.

TAMAR SILVER-LEAD MINING COMPANY.—Notice is hereby giuen, that a SPECLAL GENERAL MEETING of this company will be HELD at Musers. Dunsford and Ranken's offices, 9, Broad-street-buildings, Loudon, on TUESDAT, the 3d day of November next, at Two oblicks precisely, for the purpose of considering the expediency of dissolving the company, and, if deemed advisable so to do, of passing the necessary resolutions.

Out 7, 1863. By order of the Directors, DUNSFORD AND RANKEN.

THE FORTUNA MINING COMPANY (LIMITED),—
Notice is hereby given, that the HALF-YEARLY GENERAL MEETING of
the shareholders in this company will be HELD at this office, on THURSDAY, the
22d inst., at One o'clock P.M., to receive the accounts, balance-sheet, and reports of the
directors and anditors for the half-year ending 30th June last, and for the general purposes, as authorised by the Dead of Settlement.

By corder of the Reard.

J. B. COLOGAN, Sec.

By order of the Board,
5, Queen-street-place, Upper Tham: s-atreet, E.C.

J. B, COLOGAN, Sec.

THE CAPE COPPER MINING COMPANY (LIMITED).

NOTICE OF SECOND CALL OF TWO POUNDS,
making 46 per share paid.

Notice is boreby given, that the directors have this day made a CALL of TWO
POUNDS PER SHARE on the shares in this company, PAYABLE on MONDAY,
the 2t day of November next. By order of the Board,
6, Queen-atreet-piace, E.C., October 14, 1863. W. G., WILLIAMS, Sec.

THE CLOWANCE WOOD COPPER MINING COMPANY

CAPITAL EXAMPLE CLOWANCE WOOD COPPER MINING COMPA
(LIMITED).

Capital £25,000, in 25,000 shares of £1 cach.

Deposit, 2s, 6d. per share on application, and 2s, 6d. per share on allotment.

There are no fees or promotion money to be paid by this company.

If no allotment takes place, the deposits to be returned in full.

The regulations in Table A of the Companies Act, 1862, apply without exceptive to the company.

BIRECTORS.

WILLIAM COX, Esq., M. P., Hariey-road, St. John's-weed—Chairman.

SAMUEL BOYD BARKETT, Esq., Delemere Villas, Paddington.

Major FREDERICK DITMAS (late of Madras Engineers), Croydon.

CHARLES BENEAGE, Esq., Cadogan-place, Beigrave-square.

ROBERT MCCONNELL, Esq., Merchant, Union-street, Javenpool.

Capt. LEWIS MUNKO, Bisckhoath, and Hastings.

LOUIS ROCHEPORT, Esq., Crown-street, Finsbury, and Barnet, Herts.

BANKIAS—The National Bank, Old Broad-street, London; the Mines' Bank, Camborne, Cornwall.

Solicitons—Messrs. Matthews and Greetham, 68, Lincolne' Inn-deids.

Auditons—W. J. Thompson, Esq.

OFFICES,—No. 16, NEW BROAD STREET, LONDON.

PROSPECTUS.

MINERAL AND LAND SUNYEYOR, AND GENERAL ACENT.

MINERAL AND LAND SUNYEYOR, AND GENERAL ACENT.

LITTLE NESTON, CHEERINE, AND MOLD, PLINTSHIEE, AND COLD, PLI

# GLAN ALUN LEAD MINING COMPANY (LIMITED). Incorporated under the Companies Act, 1862.

Incorporated under the Companies Act, 1862.

Capital £5000, in 5000 shares of £1 each. Deposit, 5s. per share.

Managers—Mears. Henry Whitworth and Co.

ABRIDGED PROSPECTUS.

ABRIDGED PROSPECTUS.

This company is formed for the purpose of working the valuable mine sett formerly known as the West Cat Hole Mine, extending from the Hiver Alun, below the Loggerheads Inn, on the road from Mold to Ruthin, east to the old Cat Hole Mine, and which has lately been worked under the name of the Gian Alun Mine.

In addition to the original sett to the east of the river, a Tack-note has been secured from Capt. Cooke for the whole of his land on the course of the vein to the west of the river, and in which the lead has been proved.

The natural facilities for working the property are very great, an adit level being driven from the river intersecting the voin about 80 yards from surface, and being driven on the course of the vein through the entire length of the sett east. It is also drained by a swallow at a depth of 22 yards below the adit, thus rendering the operation of pumping a very inexpensive one, very little power being required, and for which there is an ample supply of water. A small wheel, 12 ft. in diameter, has hitherto been found adequate to the present depth.

It is proposed to replace the present machinery, and provide sufficient power to put the mine down 50 or 60 yards deeper. To do this, and to re-open and repair the old workings, and provide workshops and dressing-doors, it is estimated will involve an outlay of £1600 to £2000, after which certain and regular dividends may be counted upon. Applications for shares may be made, and the deposits paid, to the managers, Mesers. HENRY WINTEROWER and Co., Carlton-buildings, Cooper-street, Manchester; and to the Union Bank, Manchester; and Mr. John Paron, New-street, Manchester; and to the Union Bank, Manchester; and Mr. John Paron, New-street, Manchester; and to the Policy of Applications for shares to be made in the annexed form.

FORM OF APPLICATION FOR SHARES.

To the Directors of the Glan Alun Lead Mining Company (Limited). GENTLEMEN,—I beg to apply for shares in the capital of the company; I hereby gree to accept the same, or any less number, if allotted, and to pay the balance of the eposit thereon; I authorise you to put my name on the register of shareholders in spect of all the shares you may allot to me; and I agree that this application shall satify my acceptance thereof.

THE CADER IDRIS SLATE AND SLAB QUARRYING

COMPANY (LIMITED).

MERIONETHSHIRE, NORTH WALES.

Incorporated under the Joint-Stock Companies Act, 1862, which limits the liability of each member to the amount of his shares.

Capital, \$20,000, in 20,000 shares, of £l each.

5s. to be paid on application, 5s. on allotment, and further calls, if necessary, of a tintervals of not less than three months.

Upwards of 6000 shares have already been applied for.

Diffections.

Upwards of 6000 shares have already been applied for.
DHECTORS.

ALEXANDER COCHRANE, Esq., Hampstead.
ISRAEL ABRAHAMS, Esq., Mortimer-street, Cavendish-square, and Carshalto
THOMAS FRY. Esq., Liverpool.
JOHN HITCHEN, Esq., contractor and builder, Chester.
WILLIAM FRANCIS HARRIS, Esq., Wood-street, Cheapside.
WILLIAM KNIGHT, Esq., 83, Lombard-street, City.
JOHN FOTHERGILL, Esq., Ll.-B., Cambridge-torrace, Hyde-park.
SOLUTION—J. Estre Godfrey, Page. & South-square, Gray's Inp., W.C.

SOLICTOR—J. Perry Godfrey, Esq., 5, South-square, Gray's Inn, W.C.
BANKERS—London and Middiesex Bank, 21, Finch-lane.
OFFICIAL AUDITORS.

I Folland Lovering, Esq. (of the firm of Lovering and Minton), King-street, Cheaple, City, public accountants (and auditors to the National Provident Institution).
ley R. Bennett, Esq., London, E.C., public accountant.
SECRETARY (pfo tem.)—John G. Watson, Esq.

TEMPORARY OFFICES,-5, SOUTH SQUARE, GRAY'S INN, W.C.

SECUETARY (pfo tem.)—John G. Watson, Esq.

TEMPORARY OFFICES,—5, SOUTH SQUARE, GRAY'S INN, W.C.

PROSPECTUS.

This company is formed for the purchasing and fully working the valuable and well-proved Cader Idris State and Stab Quarries, immediately adjoining the Corris Machynlieth and River Dovey Tramway, and by which company the produce is cheaply and speedily conveyed to the shipping port of Aberdovey. The property on which the quarries are opened consists of 130 acres, of which upwards of 30 acres are agriculturally employed, and worth about £30 per annum, and receivable by the company now formed. There is also a house suitable for the manager, worth £10 per annum, and the remainder of the land is taken up by the quarries, offices, buildings, yard, reservoir, &c.

The great feature, and a most desirable one, is there is no royaity whatever, and the dead rent for the whole remaining term of the lease-viz., upwards of 26 years—is only £50 per annum, and by lotting off the agricultural land, &c., this will be reduced to about £13 per annum. The present lessues has agreed to sell the lease, together with the machinery, plant, &c., for £4500 in cash, and £1500 in fully paid-up shares. The machinery is very valuable, and comprises three water-wheels—viz., one 20 ft. by 3ft. 6 in., which has been recently thoroughly repaired; one 18 ft. by 2 ft., nearly new; and one quite new, 12 feet by 4 feet. There are seven elreular sawing-machines complete; two patent planes complete, with drums, pulleys, shafting, gearing, and India rubber bands, &c., incline drum and gear, water launders; patent weighing-machine complete with tables; extensive and well-lighted buildings, and quantity of strong iron rails (double blue), carried from the workings into the engine-houses.

The vein of state rock rans through the property nearly N.W and S.E., and averages 29 yards in width. It has been well proved both for slates and slabs both here and in adjoining properties, and is the company will be in a position to commence supplying the Con

seach other.

If found necessary, the supply of water (which is at present quite sufficient) can be doubled at an expense of about £50, and a siding from the Corris tramway can be carried into the quarries at a further outlay of £50.

From the continued rise in the price of sistes and slabs, owing to the demand exceeding the supply, a slate quarry under proper and economical management ought to be one of the most profitable investments extant (instance Col. Ponnant's, Lord Palmerston's, and the late Assheton Smith's and others), and as it is the intention of the directors to be both diligent and, cautious, they confidently recommend this undertaking to the public, riseling more than persuaded that good dividends will be the results of judicious outlay, more certainly than in other quarries in this district, inasmuch as the royalty in the others consists of or amounts to from 1-8th to 1-12th of the whole produce raised.

Applications for shares in the annexed form can be made to the bankers, brokers, or secretary, at the temporary offices of the company.

Applications for shares in the annexed form can be made to the bankers, brokers, or secretary, at the temporary offices of the company.

Mold, May 6, 1863.—These quarries are situated near the viliage of Corris, on the turnpike-road from Dolgelly to Machynlieth, nine miles south from the former, and six miles from the latter place. The area of land under lease to the present proprietor is 130 acres, of this 30 acres are under tiliage, worth £30 per annum: part is occupied by works, workshops, yard, pool, &c., and the remainder is sheep-walk, worth £7 per annum, all payable to leasees; there is also a house on the property worth £10 per annum, suitable for the manager. There is no royalty. A rent of £50 per annum is paid for the whole property. The vein of elast-rock on which the chief amount of work has been done at this and adjoining quarries runs nearly N.W. and S.E., and averages 25 yards in width. It has been proved for upwards of a mile, and is being profitably worked by several parties at different places. The quarries under notice were opened on the surface of the vein for trial, and the quality for roofing sitates was found good, and an open cutting was brought in at 15 yards deep, by which means a very considerable quantity of superier slabs were got. A level was then brought in by the late proprietor, 20 yards deeper still, and under the old workings, and slabs of the best quality have been got by means of it. This level now requires extending laterally on the course of the vein, and when this is properly done bargains can be at once set, and slabs wrough to make the vein, and when this is properly done bargains can be at once set, and slabs wrough for market. The rock is exceedingly hard and close-grained, has a good level split and smooth texture, is free from curis, sulphur, or grit, it works well under the tools, and, when properly opened, it can be from its nature got in blocks of any size, and it is very valuable indeed. Its soundness and durability have been fully proved by the late properly in

FORM OF APPLICATION FOR SHARES.

ier Idris State and Stab Quarrying Company (Limited). 

In the Court of the Vice-Warden of the Stannaries. ries of Cornwall.

IN RE SOUTH SETON MINE.

IN RE SOUTH SETON MINE.

Powering and Another, dated the 21st day May last, BY PUBLIC AUCTION, at the Registrar's Office, Truro, on Wednesday, the 21st day of October inst., at Twelve o'clock at noon precisely.

at the Registrar's Office, Assay, and Colored at non precisely, o'clock at non precisely, of the defendant William Gundry Powning, of and in the said MINE. JOSEPH ROBERTS, Plaintiff's Solicitor, Truco. Dated Registrar's Office, Truro, October 14, 1863.

# In the Court of the Vice-Warden of the Stannaries.

6 large shaft cisterns.
1 horse whim. 12 iron tram wagons, 4 skips. 1 wood tram wagon.

IN RE GREAT TREVEDDOE MINE.

IN RE GREAT TREVEDDOE MINE.

TO BE SOLD, pursuant to an Order made in a Cause Todd

Registrar's Office, Truro, on Wednesday, the 28th day of October inst., at Tweive c'clock

at noon precisely, 1683 (10,000ths) SHARES of the defendant,

Of and in the said MINE.

JOHN GILBERT CHILCOTT, Plaintiff's Solicitor, Truro Dated Registrar's Office, Truro, October 14, 1863.

LFRED CONSOLS ENGINES AND MINE MATERIALS
FOR SALE, BY PRIVATE CONTRACT, on application, previous to next
ion, to Mr. Buracess, the auctioner of the said materials, or Mr. Thomas Robinson,

uction, to Mr. Bungess, the auctioner of the said materials, or Mr. Thomas Robinson, he purser, Hayle.
Field's spisudid highly-finished 90 in. cylinder PUMPING ENGINE, 11 ft. stroke at the cylinder, 10 ft. in the shaft.
Davey's 90 in. cylinder PUMPING ENGINE, 10 ft. stroke, not to be excelled in the sounty for duty and appearance; 3 excellent balance bobs, all ingotted straps.
THREE STEAM WHIMS, 24 in., 25 in., and 26 in. cylinders, 6 ft. stroke.
ONE STEAM CAPSTAN. NINE large BOILERS and fittings complete.
3 capatans, 8, 10, and 12 arms each.
200 fms. 12 in. capstan rope.
200 fms. 12 in. capstan rope.
3 sets of lofty shears, one 60 feet legs,
English oek.

English oak.
Lot of treble fagotted Shropshire 8 in.
iron rods, 41 ft. long, couplings complete. rods.

foo fms. railroad iron, saddles, and clips.

150 to 200 fms. pitwork, 18 and 19 in.

Working barrels, H and top doorpieces,
and windbores to match.

9 in., 11 in., and 15 in. piunger poles and
stockings, stuffing box and glands,
with brass bushing, all in first-rate
condition.

Fagotted and common rod plates.

An immense quantity of staples and

an innerse quantity of sapes and glands.

All the rod bolts and flange bolts belonging to this large mine, cleaned, with burs on.

Ims. of excellent chair.

Ims. of ladders, wood and iron staves.

2 smiths' bellows, 40 and 36 in., 3 anvils.
Smiths and miners' tools.
A large quantity of new and old fron.
5 sets of single, double, and troble blocks
Brass and fron shieves, capable for any
power of machinery. power of machinery. White fail ropes, one quite new, others

O SHOP.

5 scales, beams, and weights, to weigh
from 1 cwt. to 2 tons.

5 tons old cast iron, 20 tons old wrought.

4 band screws, 1 jack.
Washing strakes and claterns for ditto
Miners' dial, by Wilton.

20 jigging sleves and hutches complete,
3 large wood sheds.
Large quantity of bricks.

tendence of the most celebrated engineer good. me old junk. engines were erected under the superinten e engines were erected under ornwall, Capt. Samuel Grose.

in Cornwall, Capt. Samuel Grose.

Capt. Samuel Grose's engines are noted for full scantle in all the gear work, quite up to the proportion of power required.

Any of the above materials can be treated for before the next auction, on application to Mr. John Bruggs, the auctioneer, Barncose, Redruth; or Mr. Thomas Robinson, the purser, Hayle.—Dated October 14, 1863.

VALENCIA SLATE SLAB QUARRIES, COUNTY KERRY, IRELAND.

MESSRS. FULLER AND HORSEY are instructed to SELL.

BY AUCTION, at the Auction Mart, London, on Wednesday, October 28, at Twelve, in Ore Lot (unless an acceptable offer be previously made by private contract), the EXTENSIVE QUARRIES and MILLS of the VALENCIA SLATE SLAB COMPANY, situate in the island of Valencia, County Kerry, Ireland. The works have been carried on by the present company for about 14 years, and a very large outlay has been made in opening the quarries, and in erecting the mills and the requisite machinery. The quarries are situate on the side of a mountain, about 420 ft, above the sea level, and an opening has been made for working about 120 ft, wide, running into the mountain to about the same depth, uncovering a succession of platforms of slates of various withins. The slate rock lies most conveniently for working, at an angle of about 33°, and has a regular cleavage. The slabs are severed by wedges instead of by blasting thus avoiding the large amount of waste occasioned by the latter process. The roof of the quarry is self-sustained, and is perfectly secure.

The quality of the slabs is now well known and appreciated, and are taken in large quantities by the principal merchants in London and elsewhere. They take a beautiful and permanent polish, are particularly valuable for enamelling, and unaffected injuriously by furnace heat, and are raised in larger sizes than from any other quarry. The waste from the slab blocks is made into roofing slates, for which there is ample local demand. The present yield is about 2000 tons of slate slabs annually, but by a comparatively small outlay in an extension of the workings this quantity, and the demand at the present time being in excess of the capabilities of supply.

The mills are situate about 2½ miles from the quarries, are connected by a good road of easy descent, which is kept in repair principally at the expense of the county; but find here are no pler dues nor wharfage payable. The harbour o

side, and there are no pier dues nor whariage payaous. And mand of North Wales ports.

The buildings are well arranged, and substantially erected. They are fitted with sawing and planing machinery of the best description, fitted by Blyth, of Limehouse; and there are overhead crains, tramrails, and every appliance for saving manual labour.

There is a plentiful supply of water for the purposes of the milis from a large open reservoir. The quarries and works are held on easy terms under an agreement for lease from the Knight of Kerry for a term of 57 years from January 1, 1864, determinable at the lessees' option on giving six months' notice. The lesses, a draft of which may be seen prior to the sale at the office of the vendor's solicitors, will be granted by the Knight of Kerry direct to the purchaser.

The present company have expended upwards of 40,0001, upon the property. They have succeeded in establishing the reputation of, and a market for, the slabs, and have thoroughly proved the existence and uniform character of the slate, and the extent to which the workings may be carried; and they have supplied and fitted the most approved that the works are now in that state that, with the personal attention of the owner, very profitable results may be anticipated.

The works may be viewed by cards only, which, with further particulars, may be had of Messrs, Palman, Natureshir, and Elasop, solicitors, 4, Tradigar-aquare, W.C.; at the "Midland Counties Herald" Office, Birmingham; at the Gresham Hotel, Sackvillestreet, Dublin: at the Railway Hotel, Killarney; at 'the Adelphi Hotel, Liverpool; at the Mart, London; and of Messrs, Fullars and Honsey, No. 6. Rue de Cholseul, Parts.

From the Office of M. PAUL DAUFHIN, Attorney, No. 6, Rue de Choiseul, Paris.

From the Office of M. PAUL DAUPHIN, Attorney, No. 6, Rue de Choiseul, Paris.

TO BE SOLD, in consequence of a diminution in the upset price,
at the Palais de Justice, Paris, on the 5th day of December next, the MINES of
LA CRUZ, situated in SPAIN, on the table land of Linares, Andalusis, and contiguous
to the English shine of Pozo Ancho. Upset price, 300,000 frs.
Norz.—The acquisition of this mine was made on the 26th October, 1854, for the sum
of 300,000 frs., and 2,000,000 frs. have already been expended in establishing dwellinghouses, machinery, and other arrangements of all kinds, the whole of which are in very
good working order, and producing satisfactory results.—Extract from the report of the
assignes to the creditors of Messrs. Adam, Pache, and Co., under date May 7, 1863.
Further particulars may be obtained from M. PAUL DAUPHIN, attorney, 6, Rue de
Choiseul, Paris, and who is in possession of the title deeds and various other decuments
relative to the above; M. Durotra, notary, 16, Place de la Bourse, Paris; M. FLANCESCO
SERGINET (assignes to the bankruptcy of Messrs. Adam, Pache, & Co.), 6, Rue de Choiseul,
Paris; M. LEON ADDIPHE LAFFITTE, banker, Calle del Prado, Madrid; M. FLANCESCO
ACEDO, notary at Linarres, Spain; and at the Mine de la Cruz, of M. EMILE GAUDRON,
the representative of the assignee.

ELIGIBLE MINING INVESTMENT.

TOR SALE, BY PRIVATE CONTRACT, a VALUABLE IRON MINE GALE, called the CINDERFORD IRON MINE. containing about 240 acres, situated in Her Majesty's FOREST OF DEAN, GLOUCESTERSHIRE. Where the pits would have to be sunk is only four miles from the shipping port, Bullo Pill, on the River Severo, and the South Wales Railway, which has a branch passing close by the spot on which the works may be erected, and on to the northern boundary of the Forest, where it will eventually form a junction with the projected line of railway from Memorath shreads the Event Company of the Forest, where it will eventually form a junction with the projected line of railway from Memorath shreads the Event Company.

of the Forest, where it will eventually form a joint on the horthern boundary from Monmouth, through the Forest to Malvern, thus making a communication with the South Wales and Staffordshire districts.

The ore is a rich hematite, yielding a large percentage of metal, and is obtained from large cavities, some of which contain many thousands of tons of ore, and from its loose nature is got with very little expense, seldom requiring to be blasted.

It immediately adjoins the mine now being worked by Mr. Crawshay, and on the deep side of it, where specimens of the ore may be seen.

For plans, sections, &c., apply at the Gaveller's office, Coleford; and for further particulars, where plans and sections will be abown on application, to Mr. D. Germing, mining engineer, Blakeney; or to Mr. W. Wintle, coal agent, Park End, near Lydney, Gloncestershire.

TO BE LET, and entered upon in November next, the LARGE and IMPORTANT ROYALTY of HARTLEY, belonging to the Right Honourshie Lord Hastlegs. The royalty comprises an extent of 2392 acres, in which the following valuable seams of coal have been partially worked:—The HIGH MAIN SEAM, the YARD SEAM, the LOW MAIN SEAM, the PLESSY SEAM, and there is every probability that the mannfacturing and coking seams of Walbottle will also be met with, and which are in great demand.

The three first-named seams have been worked to a limited extent; the last two are manylored.

unexplored.

This royalty is the original of the well-known HARTLEY STEAM COAL, which by the Admiralty experiments, has been proved to be much more efficient than the Welsh steam coduction; and it has also been lately proved by the experiments at Davonport, that when the Hartley coal is mixed in equal proportions with the Welsh steam coal, the remarkable circumstance occurs that, although each separately produces smoke, scarcely the slightest trace is perceptible from the adby the exp

r particulars may be known on application to Mr. Joun Taylon, Earsdon, New-on-Tyne.—October 12, 1863.

MESSES. C. SCHIELE AND CO., ENGINEERS,

MESSES. C. SCHIELE AND CO., ENGINEERS, PATENTEES, AND SOLE MANUFACTUREES OF SCHIELE'S PATENT TURBINE WATER WHEELS of 1963. SCHIELE'S PATENT SILENT FANS of 1863. SCHIELE'S PATENT CENTRIFUGAL PUMPS of 1863. SCHIELE'S PATENT DELAST and VENTILATING ENGINES of 1863. SCHIELE'S PATENT TURBINE STEAM ENGINES of 1863. SCHIELE'S PATENT MARINE VENTILATORS of 1863. SCHIELE'S PATENT MARINE VENTILATORS of 1863. SCHIELE'S PATENT EXHAUSTERS of 1863. SCHIELE'S PATENT COMPOUND FANS of 1863. SCHIELE'S PATENT COMPOUND BLAST ENGINES of 1863. SCHIELE'S PATENT COMPOUND BLAST ENGINES of 1863. SCHIELE'S PATENT GOVERNOR OF 1863. SCHIELE'S PATENT WAVE POWER MACHINERY of 1860. It having come to the knowledge of Messers. C. Schiele and Co. that other parties representing themselves as licencess and manufacturers of the above patented in-

rentions,

ASSETT OF THE PARTY OF THE PARTY

PATENTEES and the SOLE MANUFACTURERS of the ABOVE PATENTED INVENTIONS, and that any firm or company representing that they have a licence for,
or that they can manufacture or supply the same, are stating what is utterly and compictally false.

Messys. C. Schiele and Co. beg to intimate that the PATENTS SOLD to Ma.
SCHIUNCK by Ma. SCHIELE ONLY COMPRISE Ma. SCHIELE'S OLD PATENTS,
taken out prior to 1860, and DO NOT INCLUDE ANY of the PATENTS ENUMERATED ABOVE, or Mr. SCHIELE'S PATENT CHUSHING MILLS and HAMMERS of 1869.
Messys. C. Schiele's Tone Patent Chushing Mills and HAMMERS of 1869.
Messys. C. Schiele's Tone Patent Chushing Mills and HAMMessys. C. Schiele's Any of the Patent Chushing Mills and HAMmember of the North Moor Foundry Company, such company being composed of persons
who were formerly in the employ of Mr. Schiele, and turbines of 1862 and 1255, and
which licenses Mr. Schiele withdrew in January of this year.

Spianers, manufacturers, calico printers, bleachers, dyers, engineers, ironfounders,
colliery proprietors, &c., desirous of having any of Mr. Schiele's newest inventions,
which are guaranteed to be much superior to and no infringement of Mr. Schiele's old
patents, or any other English or foreign invention, and to which they have no resenblance whatever, are respectfully requested to apply to Messrs. C. Schiele and Co.,
Clarence-buildings, Booth-street, Manchester.

N.B.—LEGAL PROCEEDINGS WILL BE INSTITUTED AGAINST ANY PERSON or PERSONS INFRINGING ANY of the ABOVE PATENTS.

SON or PERSONS INFRINGING ANY of the ABOVE PATENTS.

C H I E L E 'S P A T E N T S.—

As the advertisements of Messers. Lewis, Darmshiher, and Assworth, and the North Moor Foundry Company are calculated to misicad and to convey the impression that Mr. Schiele has sold to Mr. Schiele has led to misicad and to convey the impression that Mr. Schiele has sold to Mr. Schiele has like the first for Turbine Water-Wheels, Fans, Centrifogal-Pumps, Blast and Ventilating Engines, Turbine Water-Wheels, Fans, Centrifogal-Pumps, Blast and Ventilating Engines, Turbine Water-Wheels, Fans, Centrifogal-Pumps, Blast and Ventilating Engines, Turbine Steam-Engines, Mino Ventilators, Exhausters, Governore, and Feed-Pumps, we feel bound to state that such is not the case, and that Mr. Schuncks AADE Under Mr. Schiele so ONLY to USE and MANUFACTURE ARTIGLES MADE UNDER Mr. SCHIELE and Co., under their patents taken out prior to 1860, which show ever sold to Mr. Schunck, and have no interest whatever in the patented articles made by Messers. C. Schiele and Co., under their patents taken out subsequent to that date (see their advertisements). For the satisfaction of any person, we shall be glad to produce the deeds and copies of deed carrying out the arrangements with Mr. Schunck and the North Moor Foundry Company. The patented articles made by Messers. C. Schiele and Co., Schiele and Co.'s customers be threatned with proceedings by Mr. Schunck, or the North Moor Foundry Company, they have only to communicate with us, who are instructed to defend all actions for alleged infringement, free of charge to customers.

ROWLEY AND SONS, Solicitors to Messers. C. Schiele and Co. Clarence-buildings, Manchester, Sept. 28, 1863.

LIOR SALE BY PRIVATE CONTRACT OR TO RE LETT

FOR SALE, BY PRIVATE CONTRACT, OR TO BE LET

POR SALE, BY PRIVATE CONTRACT, OR TO BE LET ON LEASE, in one or more lets, a VALUABLE MINERAL ESTATE of FOUR HUNDRED ACRES in extent, in the MIDLAND DISTRICT, containing excellent COAL and IRONSTONE. There are three seams of coal, respectively 9, 8, and 7 R. thick, at a moderate depth, cheaply worked, and extensively used for locomotive, manifacturing, and household purposes. This mineral estate is most advantageously situated, and offers unusual facilities, being the nearest to the London and southern markets, with which it has direct railway communication. The collieries would be close to, and on a level with, the railway which passes through the property.—Apply to Mr. B. Makr, mining engineer, Newcastle, Staffordshire.

DEAN FOREST, GLOUCESTERSHIRE.

TO BE SOLD, BY PRIVATE CONTRACT, a very VALUABLE and DESIRABLE MINERAL PROPERTY, in the FOREST OF DEAN, in Itali work, and abutting on a railway, and second to none in regard to the superior and substantial way in which it has been lately opened. The minerals are of the first quality, and the property is well worthy the attention of capitalists.—Apply to Mr. Ridler, Cinderford, near Newnham, Gloucestershire.

SOUTH WALES.

RONWORKS AND MINERALS TO BE LET.—

1. BLAST FURNACES, with an excellent FIELD of MINERALS, in communication with one of the largest shipping ports. The seams of coal (anthracite) are large, and the mine abundant. Both are level free, of excellent quality, and worked very cheaply.—2. A capital MINERAL PROPERTY, close to a railway just complete, giving direct communication with the shipping port, containing a 5 ft. vein of excellent intumious coal, level free, and other seams of coal.—Apply to W. Browse, Eaq., Kidwelly, Carmarthenshire; or to Mr. C. GRIPPITHS, Ynisygerwn, Neath.

Welly, Carmarthenshire; or to Mr. C. GRIPPETRIS, Ynisygerwn, Neath.

IGHLY VALUABLE LANDS FOR A COLLIERY
TO LET—WREXHAM AND RUABON COAL FIELD, DENBIGHSHIRE—
ALL the SEAMS of COAL in and under about TWO HUNDRED ACKES of LAND,
lying together between WREXHAM and RUABON, may be had ON LEASE, and a
small part by purchase of the expectant royalties. The lands contain both the Wrexham and Ruabon coal seams. The Great Western Rallway runs through a portion of
them, partly on the lovel, and they also abut on the turnpike-road, near to both of which
pits may be sunk for working, thereby giving unrivalled facilities for local sale and transit,
north and south, and to Birkenhead for exportation.—Apply to Mr. WAATT, Bryntiries
Hall, near Wrexham; or to Mr. Lowe, C.E., Loft Wen, Wrexham.

CORNISH CRUCIBLE AND BLACK-LEAD POT MAKER.
JOHN JULEFF, FORE STREET, and PEDN-AN-DREA, REDRUTH.

JAMES H. COCK, MINE SHAREBROKER AND DEALER, REDRUTH, CORNWALL. REDRUTH, CORNWALL.

J. H. Cock, having had 10 years' experience in the mining market, and being the toquainted with mines and their management, is in a position to advise or do in the most advantageous terms. Cash or time bargains promptly attended to.

MR. D. STICKLAND, M.E., having had upwards of 40 years' mining experience in Cornwall, several years of which he has had the entire management of mines therein, enables him to GIVE GOOD ADVICE thereon.
MINES INSPECTED and faithfully REPORTED ON. DEALER in MINING, RAILWAY, and OTHER SHARES.
His monthly "Circular" for October contains a selected list of Cornish and other mines. Forwarded on receipt of six postage stamps, 5, Finsbury-street, Finsbury-square, London.

THE CROISER VALLEY AND PORT MADOC

FREEHOLD SLATE COMPANY (LIMITED).

Capital £60,000, in 6000 abares of £10 cach. First issue, 4000 shares.

A deposit of 5s, per share payable on application, 15s, on allotment, and 20s, six months afterwards.

No further call will be made unless at a general meeting.

Directoriss.

Sir EDWIN PEARSON, K.B., P.R.S., Wimbledon, Surrey (Director of the Section Australian Investment Company).

JAMES DAWSON, Esq., Billiter-square (Director of the Metropolitan Life Office).

HENRY HAWES FOX, Esq. (Fox and Thompson), Director of the Brighton, Lewel, and Tunbridge Wells Railway, Leadenhall-stret,

J. S. ST. VINCENT JERVIS, Esq., Surbiton Hill, Surrey.

HENRY SMITH, Esq., 2 Parliament-street.

GEORGE MACDONA, Esq., tensington (Director of the Quebrada Land Company).

BANEERS—The London, Birmingham, and South Staffordshire Bank (Limited),

110, Cheapside, London, E.C., and 31 and 32, New-street, Birmingham.

Solicitor—James Bell, Esq., 21, Abchurch-lane.

BROKERS—Mesers. Webb, Geach, and Oo., 5, New-street, London, E.C.

SECHETARY—U. P. HATTS. Esq., 29, Moorgate-street, London.

ENGINEER—James Wright, Esq., Cophhall-court.

OFFICES,—23, MOORGATE STREET, LONDON, E.C.

I

OFFICES,—23, MOORGATE STREET, LONDON, E.C.

The objects of this company are to purchase and work an extensive slate property in Wales, situated between Beddgelert and Tan-y-Bwich, and about six miles from the shipping port of Port Madoc, to which a railway is in course of construction. So great is the demand for slate, and so inadequate the supply, that there is no invertent more remunerative than a good slate quarry, as all the better class of quarries with the present time are yielding profits from 50 to 100 per cent. and upwards; the profit made by one quarry slone is reported to be above £100,000 per annum.

The property contains about 250 statute acres, and all slate and minerals being free hold the company will have no royalty whatever to pay.

Reports on the property have been received from some of the highest authorities, fros which it will be seen that the local advantages which this property possesses are usequalled by any of the other Festining quarries, and being considerably nearer to the port of shipment, the cost of carriage, which is a most important item, will be makerially less in this than in any of the other quarries.

Three-fourths of the shares have aiready been privately applied for, and application for the remainder will be received up to Friday next.

Prospectuses and Articles of Association may be obtained from the directors, banksthevers, or secretary, at the company's offices, where samples of the slates can be listed.

FORM OF APPLICATION FOR SHARES.

brokers, or secretary, at the company a onaces, where samples are specied.

FORM OF APPLICATION FOR SHARES.

To the Directors of the Croiser Valley and Port Madoc Freehold Slate Company (Limited).

Please to allot me shares in the Croiser Valley and Port Madoc Freehold Slate Company (Limited), for which I enclose a deposit of 5s. per share, and request you be register my name as a shareholder for the whole or any part.

Name (in full).

Address

Business or profession

THE CROISER VALLEY AND PORT MADOC
FREEHOLD SLATE COMPANY (LIMITED).
Notice is hereby given, that the SHARE LIST of this company will be CLOSED
on FRIDAY NEXT, the 23d inst.
23, Moorgate-street, London, October 17, 1863.

ERS.

nd fur-SOLE D INnce for,

ENTS, ENU. HAM-G MA-

persons granted 55, and

ounders, entions, LE's old

Y PER.

Water-Steam-

Mess

k, or the o are in-ers. and Co.

E LET of FOUR excellent and 7 ft. e, manu-

situated, ets, with and on a B. Marr,

ard to the rais are of -Apply to

LET.are large, rked very excellent Esq., Kid-

LIERY

portion of h of which and transit, Bryntirion

MAKER. EALER,

MINING

h and other

MADOC

the Sec.

e Office). aton, Lewes,

is no invest-of quarries E. is; the profit

boing free horities, from lesses are un-nearer to the will be mate-

nd application tors, bankers, s can be in-

reshold Sists equest you to

\*\*\*\*\*\*\*\*\*

MADOC

be CLOSED RRIS, Sec.

THE NEW CONCORD SILVER AND COPPER MINING COMPANY (LIMITED).
Incorporated under the Companies Act, 1862.

Capital £30,000, in 10,000 shares of £3 each. Deposit on application 10s. per share, and payment or allotment £1.

Bankers—The City Bank, Threadneedle-street.

Broker—Alived Bingham, Esq., i, Copthall Chambers, E.C.,
SECRETARY—Mr. H. Brook.

OFFICES,-11, TOKENHOUSE YARD, LOTHBURY, E.C.

ABRIDGED PROSPECTUS.

ARRIDGED PROSPECTUS.

This company proposes to purchase the freehold estate of Wonwood, near Tavistock, Davon, consisting of 100 acres, and including the valuable lead and copper mine known as Wheat Concord.

This mine was worked many years ago, and £24,000 worth of lead ore obtained from shallow levels, when it was stopped in consequence of litigation between the company and the freeholder. It is now being worked on a small scale very successfully.

A provisional contract has been made for the purchase of the entire freehold, with all its mineral, and the plant of the mine, for £16,000, of which the vendors receive £7000 in paid-up shares.

Samples of the ore can be seen at the office, 11, Tokenhouse-yard, and prospectuses, and forms of application for shares, with the surveyors' reports, may be obtained also of the bankers and broker of the company.

Should no allotment of shares be made, all deposits will be returned.

she bankers and broker of the company.
Should no allotment of shares be made, all deposits will be returned.

Mr. W. C. Vivian, specially engaged by intending shareholders, reports as follows:

— S. 1863.—I inspected the Concord Mine on the 6th of August last, and made the ring report thereon:—The mine is drained to the 12 fm. level by means of a small pitable steam-engine. The 12 fm. level is being driven east of a whim or drawing shaft, by six men, at 4i, per fm., and has passed through a banch of lead, which, although short, must have been of good quality, as shown by a pile of very fine looking lode stuff broken from it, and now lying on the surface, containing rocks of aimost pure ore. The end does not contain much ore, but the lode continues of good size and favourable character, looking not unlikely to improve again. The position of a cross-course was pointed out to me by the agent, in the unexplored ground in the eastern part of the sett, which appeared to be about 50 fms. beyond the 12 fm. level, and in the neighbourhood of this gross-course it seems likely, judging from the results met with in the former working of the mine, a rich formation of lead may be found. The previous operations were conducted in proximity to a similar cross-course to that aiready referred to, but more in the same limited space. Well-authenticated accounts show that a rich bunch of lead was all the same limited space. Well-authenticated accounts show that a rich bunch of lead was 38 fm. level and 50 fm. level driven from it, but short distances only, and the lead ground does not appear to have been met with. I do not consider that sufficient has been does at these points to ascertain whether the lead has been exhausted in depth of 28 fms. and yielded ore to the value of 225,000. The shaft was sunk to a depth of 26 fms., and a 38 fm. level and 50 fm. level driven from it, but short distances only, and the lead ground does not appear to have been met with. I do not consider that sufficient has been does at these points to ascert

THE NEW CONCORD SILVER AND COPPER MINING
COMPANY (LIMITED).
NOTICE.—The Directors will PROCEED to an ALLOTMENT on SATURDAY, the
7th of November. Applications for the remaining shares to be made not later than that
date.

By order,
H. BROOK, Sec.
11, Tokenhouse-yard, Lothbury, E.C., October 16, 1863.

disc. By order, H. BROOK, Sec. 11, Tokenhouse-yard, Lothbury, E.C., October 16, 1863.

CHIVERTON WHEAL ROSE SILVER-LEAD MINE.—
St. COLUMB, CORNWALL.
In 3000 shares.

This valuable property has been granted by H.R.H. the Prince of Wales, for a term of il years, at a royalty of 1-15th, to be reduced to 1-18th upon an engine being erected. It is situate in the parish of St. Columb, Cornwall, near to the original workings of East Wheal Rose, and the principal lodes are a continuation of those worked in that celebrated mine.

East Wheal Rose was divided into 128 shares, of £50 each, and the total amount paid in dividends was £287,860, or forty-four times the amount of the capital invested; this was paid during a period of twelve years, being an average of 357½ per cent. per annum. During this period shares were at a very high premium, and in September, 1845, they were saleable at £1809 each, or thirty-six times their original cost. The following were the current prices of £50 shares during part of the time the mine was at work:—

January 6th, 1844 £250 January 3d, 1846 £1500

January 6th, 1846 £1500 January 3d, 1846 £1500

Jane 7th, 1846 £1500 January 3d, 1846 £1000

Jane 7th, 1845 £1500 June 27th, 1856 £1000

September 27th, 1845 £1500 June 26, 1847 £1000

Jane 7th, 1845 £1500 June 26, 1847 £1000

September 27th, 1846 £1500 June 26, 1847 £1000

September 27th, 1845 £1500 June 26, 1847 £1000

September 27th, 1846 £1500 June 26, 1847 £1000

September 27th, 1846 £1500 June 26, 1847 £1000

The dividends paid up to the end of 1845, amounted to £151,140 in dividends) was £230,400, making with the dividends paid a total of £331,540, or nearly 60 times the capital invested.

The dividends paid up to the end of 1845, amounted to £151,140 in dividends was £230,400, making with the dividends paid a total of £331,540, or nearly 60 times the capital invested.

The dividends paid up to the end of 1845, amounted to £151,140 in dividends was £230,400, making with the dividends paid a total of £331,540, or nearly 60 times the capit

SANTO DOMINGO COPPER AND GOLD MINES,— For prospectus, maps, reports, &c., of the Platane Mining Company (Limited) apply personally, or by letter, to Mr. LEE STEVENS, at the offices, No. 36, Cannon-street E.C., where the ores in their natural condition may be seen.

MR. GEORGE SHEPHERD, CIVIL, MINING, AND CONSULTING ENGINEER.
Letters addressed 26, Throgmorton-street, London, E.C.

MR. GEORGE HENWOOD, MINING ENGINEER, VICES and ADVICE on mines situated in any part of England, Scotland, Wales, Ireland, Isle of Man, &c. Mr. Henwood's extensive experience in his peculiar department of mining science is well known, and will be exerted to the utmost for the benefit of the control of the

HARLES DAVEY AND C
SAFETY FUSE MANUFACTURERS,
ST. HELEN'S JUNCTION. LANCASHIRE.

MANCHESTER. MR. W. HANNAM, MINING, SLATE QUARRYING, AND GENERAL SHAREBROKER.

ROYAL INSURANCE BUILDINGS, KING STREET, MANCHESTER, SHARES BOUGHT and SOLD at current market prices, on usual commission. Re-liable advice and information given on all investments. A Monthly Circular, recommending first-class dividend and progressive mines, also shares in two or three 'oint stock companies of undoubted value, may be had on application.

PRITISH AND FOREIGN INVESTMENT.—MR. THOMAS SPARGO, STOCK and SHAREBROKER, of GRESHAM HOUSE, LONDON, TRANSACTS BUSIKESS IN the PURCHASE and SALE of SHARES in BANKS, CANALS, RAILWAYS, BRIDGES, INSURANCES, MINES, and all other British and foreign and sale of the British and foreign and sale of the British.

CANALS, RAILWAIS, BRIDGES, INSURANCES, ANALES, paying from 16 to 20 per cent. upon the present price in bi-monthly and quarterly dividends; also a number of shares in PROGESSIVE MINES for permanent investment.

Mr. Spanoe gives advice and information as to the position and prospects of all mining undertakings upon application, and has published the following works, viz.:—Statisties of, and Observations upon, the Mines of Devon and Cornwall for 1859, price 2s. 6d.; ditto, 1860; and Physical, Geological, and Parish Map of Cornwall, 19s. 6d.; Geological Maps of various Mining Districts of Cornwall, showing position of every mine, with the lodes, &c., traversing each, 2s. 6d.; a Guide to British and foreign investment, published every Wednesday, 16s. per annum.

Dividends received, calls paid, and all orders negociated on a commission of 114 precent.

MR. J. MANSFIELD SMITH, of 38, THREADNEEDLE STREET, E.C., would CALL SPECIAL ATTENTION to the CAMBORNE, ILLOGAN, GWENNAP, and REDEUTH DISTRICTS, as the only once in which mining, encretically conducted, under the management of trustworthy and experienced agents, is certain of success.

ILLOGAN, GWENNAP, and REDIGUERA

Inlining, energetically conducted, under the management of trustworthy and experience
agents, is certain of successe.

J. MARSPIELD SMITH'S JOINT-STOCK COMPANIES SHARE PRICE LIST AND
MINING CIRCULAR (sent post free on application) should be consulted by all persons
dealring information on mining and other companies. It contains REPORTS on
MINES, extracts of PROSPECTURES
of the principal New COMPANIES brought before the public, and a LiST of DIVIDEND and PROGRESSIVE UNDERTAKINGS strongly recommended for purchase.

The next number will contain special reports upon several mines in the above-named
districts.

districts.

AMASPIELD SMITH most strongly recommends the purchase of Tincroft, Settom, West Sktow, Wheal Hartley, Roskean, Choffy, North Dolcoath, and Camborns Vean shares, at present prices.

Telegraphic orders to buy or sell shares punctually attended to.

Commission, 1½ per cent.

JOINT-STOCK COMPANIES.—ADVICE and (if required)
PROFESSIONAL ASSISTANCE GIVEN to any bosa #de undertaking by
Mr. LEE STEVENS 36, CANNON STEET, E.C.

NICHOLLS, WILLIAMS, AND CO., ENGINEERS.

MANUFACTURERS of STEAM ENGINES of EVERY DESCRIPTION, made on the BEST and NEWEST PRINCIPLES. We beg more especially to call the attention of the public to the manufacture of our Bollers, which have been tested by most of our leading engineers. PUMP WORK CASTINGS OF EVERY DESCRIPTION, both of brans and from. HAMMERED IRON and HEAVY SHAFTS OF ANY SIZE. CHAINS made of the best from, and warranted. RAILWAY WORK OF EVERY DESCRIPTION.

ALL ORDERS FOR ABROAD RECEIVE their BEST ATTENTION. Nicholls, WILLIAMS, and Co. have had 20 years' experience in supplying machinery to foreign mines, and selecting experienced workmen to erect the same, where required.

Messers. Nicholls, Williams, and Co. have always a LARGE STOCK of SECOND-HAND MINE MATERIALS in stock, and at moderate prices.

WILLIAM MATHEWS, ENGINEER, TAVISTOCK, has FOR SALE;—ONE 30 in. CORNISH PUMPING ENGINE, with BOILER 9 tons; ONE 14 in. HORIZONTAL WHIM ENGINE and cage, with BOILER 4½ tons; TWO 10 horse PORTABLE ENGINES, for winding or pumping; ONE CORNISH CRUSHER; ONE 30 ft. diameter WATER WHEEL, 9 ft. breast from axle, sockets and rings; 60 fms. of 3 in. flat-rods, with pulleys.

MESSRS. W. DERRY AND CO., MINING MATERIAL MERCHANTS, ST. AUSTELL, respectfully inform the mining public that they have constantly ON SALE EVERY DESCRIPTION of MINING PLANT, in STEAM ENGINES, pittwork, and dressing appliances, which they are prepared to offer on very advantageous terms, and such as will especially commend themselves to the projectors of new undertakings.—Applications to be addressed as above, or to the engineer of the company, Mr. W. H. Gnax, St. Austell.

RAILWAY CABRIAGE COMPANY (LIMITED).

CARRIAGE COMPANY (LIMITED)

ESTABLISHED 1847.

OLDBURY WORKS, NEAR BIRMINGHAM.

MANUFACTURERS OF RAILWAY CARRIAGES and WAGONS, and EVERY

DESCRIPTION OF IRON WORK.

Passenger carriages and wagons built, either for cash or for payment over a

period of years.

RAILWAY WAGONS FOR HIRE.

CHIEF OFFICES,—OLDBURY WORKS, NEAR BIRMINGHAM.

LONDON OFFICES,—6, STOREY'S GATE, GREAT GEORGE STREET,

WESTMINSTER.

THE BIRMINGHAM WAGON COMPANY (LIMITED) IS PREFARED to SUPPLY RAILWAY WAGONS of EVERY DESCRIPTION, capable of carrying 6, 8, or 10 tons, at annual rentals, or for purchase on deferred payments, on advantageous terms.

EDUIND FOWLER, Sec. OFFICES,—3, NEWHALL STREET, BIRMINGHAM.

ELLIS LEVER, INVENTOR and MANUFACTURER of the IMPROVED SAFETY BRATTICE and FLEXIBLE TUBING, 23, MARSDEN SQUARE, MANCHESTER.

Adopted by the Governments of Great Britain, Spain, Denmark, Russia, Brazil, East and West Indies.

A S T O N'S PATENT BOILER FLUID, FOR REMOVING AND PREVENTING INCRUSTATION IN STEAM BOILERS, LAND AND MARINE.

P. E. EASTON AND G. SPRINGFIELD, Patentees and Sole Manufacturers, 37, 38, and 39, WAPPING WALL, LONDON, E.,

Or of their Agents in the principal towns of Great Britain and the Colonies.

CHORTRIDGE, HOWELL, AND CO., HARTFORD STEEL
WORKS, SHEFFIELD, SOLE MANUFACTURERS OF HOWELL'S PATENT
HOMOGENEOUS METAL PLATES for BOLLERS, LOCOMOTIVE FIRE BOXES,
and TUBES, COMBINING the STRENGTH OF STEEL with the MALLEABILITY
o. COPPER. RUSSELL AND HOWELL'S PATENT CAST STEEL TUBES,
MCCONNELL'S PATENT HOLJOW RAILWAY AXLES.—For prices and terms, apply to SHORTRIDGE, HOWELL, and Co., Hartford Steel Works, Sheffield; or Messry,
HARVEY and Co., 12, Haymarket, London.

EDWARDS'S PATENT MINERAL ORE AND COAL WASHING MACHINE.—This is by far the MOST ECONOMICAL, as well as the MOST PERFECT MACHINE MADE. Each machine is capable of washing 25 to 50 tons per dient, according to quality.—Full particulars, testimonials, &c., may be obtained from E. EDWARDS, Esq., C.E., 1, York-buildings, Adelphi, where a working model may be seen.

O A L C U T T I N G M A C H I N E R Y.—
The WEST ARDSLEY COMPANY having, by recently patented improvements, perfected their coal cutting machinery, worked by compressed air, are NOW READY to MAKE CONTRACTS for the CONSTRUCTION and USE of their MACHINES.
The results of twelve months' experience in the working of these machines, by the West Ardsley Company, have proved most satisfactory, their use being found to CHEAPEN the COST and IMPROVE the average SIZE of the COAL, to LIGHTEN the LABOUR, and also to MODIFY the SANITARY CONDITION of the MINE. All communications to be made to Messrs. FIRTH, DONISTHORPE, and BOWER, No. 8, Britannia-street, Leeds.

NOTICE.—The WEST ARDSLEY COMPANY, having reason to believe that their patents are being infringed upon, hereby give notice that they will TAKE LEGAL PROCEEDINGS AGAINST ALL PARTIES who may MAKE FOR SALE, or USE ANY MACHINERY in the construction of which any such INFRINGEMENT is MADE.

O A L C U T T I N G B Y M A C H I N E R Y.—

MESSIRS. RIDLEY AND JONES have, by recently patented improvements, COMPLETED their TRUNK COAL CUTTING MACHINE, WORKED by COMPRESSED AIR, and are NOW PREPARED to NEGOCIATE for the USE, and to SUPPLY MACHINES, which will be found to COMBINE SIMPLICITY of CONSTRUCTION with PORTABILITY and ECONOMY in WORKING. By the use of these machines a CONSIDERABLE SAVING of COAL is EFFECTED, and the COST of LABOUR MUCH REDUCED. Each machine will be guaranteed as to its capabilities, &c.—All applications to be made to Messrs. RIDLEY and JONES, No. 53, Cummingstreet, Pentonville, London, N.

HUNTER'S PATENT SLATE SAWING AND PLANING MACHINE COMBINED.

Saws both sides of a slab at the same time.

HUNTER'S PATENT SLATE BLOCK SAWING MACHINE.

Cata blocks to any thickness, hard or soft, and any number of cuts at the same time.

HUNTER'S PATENT CIRCULAR AND RECTILINEAR PLANING MACHINE COMBINED.

PLANING MACHINE COMBINED.

HUNTER'S PATENT RIDGE STONE CUTTING MACHINE.

Cuts upwards of 100 feet run per day from solid rock.

MUNNOE and Co., Arbroath Foundry, Makers.

For particulars, apply to Geo. Hunter, Coleford, Gloucester.

For particulars, apply to Geo. HUNTER, Coleford, Gleucester.

JEWELL'S PATENT FLUE AND TANK BOILER A PLAN FOR ECONOMISING THE CONSUMPION OF FUEL

IN STEAM BOILERS.

The advantages of this boiler, an illustrated description of which was published in the Missics Journal of October 3, are obvious.

It is provided with WROUGHT IRON FLUES, conveying the fire entirely over the surface of boiler below the water line, and wholly doing away with lime coming in contact with any part of the boiler, line having been found to destroy the boiler plates before any other parts are the worse for wear. This boiler has four additional flues to the plan at present adopted, thus affording a FAR GREATER AMOUNT OF HEATING SURFACE, and MORE EFFECTUALLY CONSUMING the GASES. Between the boilers and the surface of th

flues and tanks, can be supplied on the most reasonable terms.

Norz.—Where great quantities of hot water are required for other purposes, these tanks will be found very beneficial.

Basset Foundry, Devoran, September 30, 1863.

DINAS FIRE-BRICKS.—Messrs. FREDERICKS AND JENNER beg to offer these well-known bricks, either at their Dinas Bridge or Kidwelly Works, and can safely recommend them as EQUAL, if not SUPERIOR, to ANY FIRE-BRICKS MANUFACTURED, having the highest testimonials from the largest copper smelters and consumers in the world.—Full particulars, with testimonials, prices, &c., can be had on application to their agent, Mr. George Young, Briton Ferry, South Wales; the Pinnas Bridge Brick Works, Glyn Neath; Kidwelly Brick Works, Kidwelly; or Messrs. Eastwood, Belvidere-road, London.

CREASE'S PATENT EXCAVATING MACHINERY, of SUPERSEDING the SLOW and EXPENSIVE USE of MANUAL LABOUR
IN SINKING SHAFTS, DRIVING LEVELS, TUNNELLING, &c., is guaranteed to
drive through any rock of average hardness at a minimum rate of 1 fm. per diem, and
to sink shafts at the rate of 2 fms. in three days.

Mr. CREASE will undertake contracts for sinking shafts, driving levels, &c., at an enormous reduction of time and great saving in cost.

ormous reduction of time and great saving in cost.

Applications to be addressed (for the present) to the patentee, Mr. E. S. Carase,
Tavistock, Devon.

Tavistock, Devon.

By providing the power of calculating the time and cost to explore a certain depth and extent of ground, speculation in mining will be assimilated to commercial pursuits, with this unmistakable advantage—that when the ground has been once carefully and judiciously selected, and operations properly and systematically carried out for its de velopment, there would be far less chance of unsatisfactory results than are met with by merchants and manufacturers in the usual routine of their business. As this important invention must beneficially interest the landswerers, mine proprietors, merchants, and miners, we opine it will meet with immediate adoption,—Miming Journal.

Tavistock Ironworks, Devon.-(Established 1804.)

GILL AND CO., ENGINEERS AND IRONFOUNDERS,
MANUFACTURERS of STEAM ENGINES and BOILERS. CHAINS of
ALL DIMENSIONS. STEELED SHOVELS to any pattern. EVERY DESCRIPTION of CAST and HAMMERED IRON for MINING, MANUFACTURING, and
AGRICULTURAL PURPOSES.
HAMMER MILLS. EDGE TOOL MANUFACTORY.
FOREIGN MINES SUPPLIED ON LIBERAL TERMS.
VARIOUS DESCRIPTIONS OF SECOND-HAND MACHINERY
CONSTANTLY ON HAND.
N.B.—AGENTS for TANGEY'S PATENT HYDRAULIC LIFTING JACK, and
WESTON'S PATENT DIFFERENTIAL PULLEY BLOCKS.

International Exhibition, 1862.

CLASS IX.—PRIZE MEDAL for AGRICULTURAL PORTABLE STEAM
ENGINES and MACHINERY.
CLASS VIII.—PRIZE MEDAL for HORIZONTAL HIGH PRESSURE STEAM
ENGINES.
For "Good arrangement, good workmanship, and practical success."

CLAYTON, SHUTTLEWORTH, AND CO.,

MAN'JFACTURERS OF PORTABLE and FIXED STEAM ENGINES, MACHINERY for PUMPING, HOISTING, GRINDING, SAWING, and AGRICULTUBAL PURPOSES, &c., adapted for any part of the world.

STAMP END WORKS, LINCOLN; and 78, LOMBORD STREET, LONDON.
Descriptive, illustrated, and priced catalogues free per post.

Prize Medal Awarded Great Exhibition, 1851, for Mining Chains.

E D G E A N D S O N,

MANUFACTURERS OF
IMPROVED FLAT and ROUND CHAINS and WIRE BOPES, for
MINING PURPOSES.
BOUKS, KIBBLES, BOILERS, IRON BLOCKS, and BLOCK CHAINS.
RAILWAY COUFLINGS, HORSE TRACES, CRANE CHAINS,
and SHIP'S CABLES.
MANUFACTORY, COALPORT, SHROPSHIRE.

Prize Medal, International Exhibition, 1862.

A VELING AND PORTER'S PATENT TRACTION
ENGINES AND LOCOMOTIVES FOR MINERAL RAILWAYS.
For prices, illustrated description, and testimonials, apply to Aveling and Porter, ingineers, Rochester, Kent.

Prize Medal Awarded Great Exhibition, 1851, and International Exhibition, 1862.

PATENT SAFETY FUZE WORKS, TUCKINGMILL, CORNWALL.—We beg respectfully to inform the public that since the decease of the late Mr. Thomas Davey this firm has consisted of John Solomon Bickford, George Smith, Francis Prior, Simon Davey, and William Bickford Smith. It is requested that all letters may be addressed, and all cheques and drafts made payable to us, as

DEW COMBINED TURBINE, WINDING, AND PUMPING MACHINERY, MANUFACTURED by GEORGE LOW, MILICATE IRONWORKS, NEWARK-UPON-TRENT.

Who respectfully begs to bring the above to the notice of the mining public, as an exceedingly cheap and easy method of applying water-power for the above purposes. The TURBINE, WINDING, and PUMPING MACHINERY are all fixed complete to one strong cast-iron bed plate, which can be placed in any situation without pit or excavation, and any height not exceeding 33 ft. from bottom of fail, the supply and suction pipe being all that is required to be connected to it, and can be brought in any direction. This combined machine can be easily removed when necessary.

G. Low begs also to state that the TURBINE is the most efficient and the cheapest method of applying water-power for mining purposes.

MANUFACTURER of WINDING, PUMPING, CRUSHING, STAMPING MACHINERY, WINDING, PUMPING, CRUSHING, STAMPING IMPROVED TURBINE WATER WHEELS.

IMPROVED TURBINE WATER WHEELS CONSTRUCTED citther to WORK VERTICALLY or HORIZONTALLY, and upon the MOST SCIENTIFIC and EFFECTIVE PRINCIPLE.

G. Low begs to recommend a special class of turbine adapted for extreme high falls

TIVE PRINCIPLE.

G. Low begs to recommend a special class of turbine adapted for extreme high falls
(200 to 500 ft.), and consuming small quantity of water. This turbine will work with

qual advantage without running at an excessive velocity. Also, MANUFACTURER of IMPROVED BORING MACHINES for DRIVING ADITS. WASTE NO OIL.

WASTE NO OIL.

TRONG IRON OIL CISTERNS,

NOT LLABLE TO LEAK, and ECONOMISE SPACE in the STORES:—
Dia. Height.

500 gailons ... 48 × 84 ... £10 10 0 75 gailons ... 27 × 42 ... £ 3 15 0
100 ... 43 × 83 ... 9 9 0 50 ... 24 × 36 ... 215 0
300 ... 37 × 84 ... 7 7 0 40 ... 21 × 38 ... 2 15 0
200 ... 35 × 79 ... 61 0 0 30 ... 21 × 30 ... 11 5 0
200 ... 33 × 72 ... 6 0 0 0 25 ... 19 × 30 ... 1 5 0
150 ... 30 × 66 ... 5 5 0 20 ... 19 × 26 ... 12 5 0
150 ... 27 × 55 ... 4 10 0 10 ... 15 × 21 ... 0 15 0

STRONG IRON BUCKETS:—
2½ gailons ... 50 ..

TO IRON AND COAL MASTERS, &c.

I M P R O V E D B L A C K V A R N I S H,

FOR PREVENTING IRON FROM RUST, AND WOOD FROM DECAY.

A brillant jet black, superior to paint in appearance, dries in less time, contains preervative qualities of the best description, and is economical in its use: one gallon at is,
equal to 14 lbs. of paint, which costs 4s.

"For Colleiry Head Grarino, Rallway Wagons, Boilers, Castings, Canal Boats,
&c., it is especially adapted. In casks containing 10, 15, and 20 cwts. each. In quantities of 1 ton and upwards, price £11 per ton.

GLOVER AND CO.,

No. 40 MANESTY LANE, LIVERPOOL.

TO INVENTORS.—All INTENDING PATENTEES should PROCURE the PRINTED INFORMATION regarding PATENTS, their COST and the MODE of PROCEDURE to be adopted, ISSUED GRATIS by the GENERAL PATENT COMPANY (LIMITED), 71, FLEET STREET, LONDON.

R. MARSDEN LATHAM, Sec.

BASTIER'S PATENT CHAIN PUMP.
APPARATUS FOR RAISING WATER ECONOMICALLY, ESPECIALLY
APPLICABLE TO ALL KINDS OF MINES, DRAINAGE, WELLS, MARINE,

APPLICABLE TO ALL KINDS OF MINES, DRAINAGE, WELLS, MARINE, FIRE, &c.

J. U. Baster begs to call the attention of proprietors of mines, engineers, architects armers, and the public in general, to his new pump, the cheapest and most efficient ever introduced to public notice. The principle of this new pump is simple and effective, and its action is so arranged that accidental breakage is impossible. It occupies less space than any other kind of pump in use, does not interfere with the working of the shafts, and intelligible in the shaft of pump in use, does not interfere with the working of the shafts, and unites lightness with a degree of durability almost imperishable. By means of this hydraulic machine water can be raised economically from wells of any depth; it can be worked either by steam-engine or any other motive power, by quick or slow motion. The following statement presents some of the results obtained by this hydraulic machine as daily demonstrated by use:—

1.—It utilizes from 90 to 92 per cent, of the motive power.

as daily demonstrated by use:—

1.—It utilises from 90 to 92 per cent, of the motive power.

2.—It sprice and expense of installation is 75 per cent, less than the usual pumps employed for mining purposes.

3.—It couples a very small space.

4.—It raises water from any depth with the same facility and economy.

5.—It raises with the water, and without the slightest injury to the apparatus, sand, mud, wood, stone, and every object of a smaller diameter than its tube.

6.—It is easily removed, and requires no cleaning or attention.

A mining pump can be seen sally at work, at Wheal Concord Mine, South Sydenham, Devon, near Tavistock; and a shipping pump at Woodside Graving Dock Company (Limited), Birkenhead, near Liverpool.

(Limited), Birkenhead, near Liverpool.

J. U. Bastier, sole manufacturer, will CONTRACT to ERECT his PATENT PUMP at HIS OWN EXPENSE, and will GUARANTEE IT FOR ONE YEAR, or will GRANT LICENSES to manufacturers, mining proprietors, and others, for the USE of his INVENTION.

OFFICES, 63, DEAN STREET, SOHO SQUARE.

London, March 21, 1859. Hours from Ten till Four. J. U. BASTIER, C.E.

London, March 21, 1859. Hours from Ten till Four. J. U. BASTIER, C.E.

THE MINING REVIEW, AND JOURNAL OF COMMERCE, TRADE AND MANUFACTURE, SCIENCE AND THE ARTS.

Wednesday, March 26, 1662. Subscription, 21 is. annually. Price 6d. stamped.

R A I L W A Y S A N D M I N E S.

Capitalists who seek safe and profitable investments, free from risk, should act only upon the soundest information. The market prices for the day are for the most part governed by the immediate supply and demand, and the operations or speculators, without reference to the bone fide merits of the property. Rail ways depend upon the traffic, expenditure, and capital accounts, the probabilities of alliance or competition with neighbouring companies, the creation of new shares, the state of the money market as affecting the renewal of debentures, and other considerations founded on data to which those only can have access who give special attention to the subject. Mines afford a wider range for profit than any other public securities. The best are free from debt, have large reserves, and pay dividends bi-monthly varying from £15 to £25 per cent, per annum. Instances frequently occur of young mines rising in value 400 or 500 per cent. But this class of security, more than any other, should be purchased only upon the most reliable information. The undersigned devote special attention to railways and mines, afford every information. The undersigned devote special attention to railways and mines, afford every information. The undersigned devote special attention to railways and mines, afford every information. The undersigned devote special attention to railways and mines, afford every information. The undersigned devote special attention to railways and mines, afford every information. The undersigned devote special attention to railways and mines, afford every information to railways and mines, afford every information to railways and wines, afford every information to railways and wines, afford every information to undersigned devote special atten

DR. SMITH has just published a free edition of his valuable work, the PRIVATE MEDICAL FRIEND (116 pages), on the Self Cure of Kervous Debility, Loss of Memory, Dinness of Sight, Lassitude, &c., resulting from the errors of youth. Sent post free to any address, on receipt of a directed envelope, enclosing two postage stamps.—Address, Dr. SEITER, S, Burton-crescent, Tavisiock-square, London W.C.

| Dec. | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164

	-, INTERNAT AND COMMERCIAL GAZETTE.	[OCT. 17, 1
THE MINING SHARE LIST	PROGRESSIVE MINES.  **Bhares Mines.** Paid. Last Pr. Bus. done. Last Call. 2500 North Fortanos (cop.), [S.E.].	Paid. Last Pr. Bus. done 1 14 0
DIVIDEND MINES.	Mines.   Paid. Last Pr. Bus. dome. Last Call.   100 Aberdovey (sillead), Merio.   4 0 0	3 15 0 — 2 5 0 — 5 10 08s. 6d. pd.]
Shares. Mines. Poid. Last Pr. Business. Dividends Per Share. Last Paid.  1200 Alderley Edge (Cheshire) [L.] 10 0 0 30 — Oct. 1863  4000 Bediord United (copper), Tavistockt 2 6 8 — 234 314 13 2 0 0 1 0 — Oct. 1863	2000 Atlas Mill, and Smelt, Lt. 411 il 15 0	8 10 0 —
1200 Alderley Edge (Cheshire) [L.]	4000 Bodford Cooper), Devon. 1 0 0	7 13 0., — 00 2s.6d.pd.]
5000 Bronfoyd (lead), Cardigan [L. £3] . 2 7 6	1000   Berehaven (copper), Ireland. 1 0 0	1 5 8
2900 Clifford Amaigamated (cop.), Gwen 30 0 0 37% 38 39 29 6 0 0 12 6 -Aug. 1863 1024 Copper Hill (copper) Redruth 12 0 0 2 7 6 — Sopt. 1862 12000 Copper Miners of England 25 6 0 27 6 6 — Sopt. 1862	1890   1800	2 0 0 3 3 6 0 3¼2% 3% .
40000   Ditto ditto (stock) .100 0 0.   1 per cent.   Half-yrly.	5000 British (tin & cop.), [L. £1 10s.] 0 13 0	2 6 6 5% 4% 5 .
198 Cwm strift (lead) Cardiganshire [L.]. 7 10 0. 23 10 13 0. 0 15 0—Sept. 1863 280 Derwent Mines (sillead), Durham300 0 0 235 10 0. 4 0 0—Aug. 1863 1024 Devon Gt. Con. (opp.), Tavist. (8.E.) 1 0 0 545 555 872 0 0. 9 0 0—Sept. 1863	500 Bryn Gwiog (lead), Flint . 8 0 0 — . 34 36July, 1863 1832 Bryntall (lead), Llanddices 7 17 6 — July, 1863 1830 Buller and Basset Unit. (cop.) 4 1 8 — Feb. 1863 1840 N. Wrey (id.), St. Ive (L.£2).	3 11 6 % 16 .
1024 Devon Gt. Con. (cop.), Tavist.* [S.E.] 1 0 0., 545 555 872 0 0., 9 0 0-5unt, 1007 588 Dolcoath (copper, tin), Camborne* 128 17 6 733 10 0 8 0 0-Oct. 1863 12800 Drake Walls (tin, copper), Calstock	1	6 6 6 — .,4000 10s.pd.]
512 East Basset (cop.), Richtut [5.E.] 2. 29 10 0. 2 . 1% 2 . 0 18 0. 0 1 6—May, 1863 612 East Good, Richtus [5.E.] 29 10 0. 75 . 72½ 75 . 113 0 0. 2 0 0—Sept. 1863 800 East Caradon (copper), St. Cleer [S.E.] 2 14 0. 28½ . 28½ . 28½ . 26½ 8 3 6 . 0 16 0—Oct. 1863	9.15 Calvadnack, Wendron (tin) 23 16 6	5 2 6 214 3 16 6 —
128 East Fool (tin, copper), Pool, Illogan. 24 5 0	0000 CambrianConsolid.(gd.)[L.£2] 1 0 0,	2 5 0
1996 East Wheal Loveli (tin), Wendron 2 12 6. 5% 6% 6% 0 7 6. 0 7 6. 0 7 6. 202. 1993 2200 Foxdale (lead) Isle of Man [L.] 25 0 0. 28½ 27 28 62 0 0. 1 0 0—Sept. 1865 1796 Great Wheal Portune (tin), Breage 18 0 0. 28½ 27 28 5 5 9. 0 15 0—Aug. 1863 1024 Herodsfoot (id.), near Liskeard (S.E.) 40 0 0 2 12 6. 0 6 0—Sept. 1863 400 Llaburne (Lead) 6 26 15 0 1 15 0—Oct. 1863	2000 Cardiran Consols (lead & con.)	1 13 0 =
400 Liaburne (lead), Cardiganshire, Wales* 18 16 0	5000 Carn Camborne (copper) 0 19 6 Oct. 1863 12800 Prince of Wales (tin), Calstock	8 14 0 — 0 5 0 — 7 1 6 —
1800 Minera Mining Co. [L.], (ld.), Wrexham 25 0 0 —	2455 Carnewas (1d., cop.), Mawyan 2 5 0. —	0 11 0 ::
20000 Mining Co. of Ireland (eop., lead, coal)   7 0 6 .	2500 Cefn Clicen (ld.), Flint [L. £5] 2 3 0 Aug. 1863 3848 Rosewarne United (cp., tin)	3 8 0 214 134 214
6000 Orsedd (lead), Flintshire       0 0 8       0 10 40 0 8       3 0       164.0 0 8       3 0       165.0 0       3 0       165.0 0       165.0 0       3 0       165.0 0       3 0       165.0 0       165.0 0       3 0       165.0 0<	200 Central Minera (lead) [L.£5] 2 2 0 2 2 24 Sept. 1863 6000 Roskear (copper), Camborne 2500 Central Minera (lead) [L.£5] 2 2 0 2 2 24 Sept. 1863 6000 Roskear (copper) Aug. 1863 6000 Roskear (copper) 2000 Scorrier Con. (tin.ep.), St. Agnes 3000 Chiverton Wheal Rose (silid.) 0 16 8 2 12 2 24 2 25	1 0 0 =
1777 Polyrer (tin) 8t. Agness	6000 Clara Unit., Ponterwyd [L.23] 1 14 6 April, 1863   100 Silver Rako (lead) [L. £20] 787 Clilab & Wentworth (L. £1)   1 £20]	7 26
600 Rosewall Hill and Ransom United 2 16 0 60 10 0 1 5 0—A.ug. 1863 16 Rhoseward (lead) 50 0 0 10 10 0 10 10 June, 1863	1505 Coed Mawr Pool (lead) [L.]. 5 0 0	2 0 0 — 0 17 0 — 5 10 8 7
o12 South Caradon (cop.), 8t. Cleer* [S.E.] 1 5 0. 415 410 420 414 10 0., 5 10 0—Sept. 1863 512 South Tolgus (cop.), Redruth, Cornwall 8 0 0 37 35 37 74 10 0 10 0—May, 1863 5000 South Exmouth (lead), Christow 1 0 0 40 .	Sept. 1862   100 South Rays Fool (lead, [L.]   1 0 0   1 0   1 0 0   1 0   1 0 0   1 0 0   1 0   1 0 0   1 0   1 0	7 0 0 — 0 12 0 — 0 14 0 —
496 S. Wh. Frances (cop.), Illogan* [S.E.] 18 18 9., 6567½ 72½ 369 5 0 1 0 0—Sapt. 1863 280 Spearne Moor (lin, copper), St. Just 31 17 9	1000 Crowhaven (cop.) [L. £2] & 1 15 0	3 13 0 — 6 18 0 2
8000 Tincroft (cop. tin), Pool, Illogan [8,E.] 9 0 0 1934 19 20 13 8 6 1 0 0—Aug. 1863 1000 Trumpet Consols (tin), near Helston 11 10 0	000 Cuddra (cop., tin), St. Austell 3 15 6 June, 1863 2283 Son. Crenver (cop.), Crowan. 1	1 14 0
4200 Vigra and Clogau (copper) [L. £6] 215 0 412 6 1 0 0—Oct. 1862 6000 West Basset (copper), Iliogau [S.E.]. 1 10 0 24 2 0 0 5 0—July 1863	1000 Conorre (cop., sulph.) [L. ] 1 0 0	1 0 0
200 Parys Mines (copper), Anglesey [L.]	0000 Dolfrw-y-nog (gold) [L. £1]. 0 10 0 Sept. 1862 4000 S. Minera (lead) [L. £5/4]	1 0 0 — 4 10 0 — 3 5 0 —
312 Wheal Basset (copper), Illogan*[S.E.] 5 2 6 80 75 80 694 10 0 1 0 0—Oct. 1863 1000 Wheal Basset and Grylls (tin)	000 Englebrook (lead) (I. #90) 16 0 0 Fab 1929 4095 S Wh Batay Mary Tayy Dy.	1 79 "
1000 Wheal Rasset and Grylis (tin) 7 0 0 23 20 23 3 0 0 0 10 0—Oct. 1863 1024 Wheal Grylis (tin), Perranuthnoe 2 4 0 30 28 30 6 2 0 1 0 0—Sept. 1863 1024 Wheal Kitty (tin), Uny Leiant [8.E.] 2 0 6 134 1334 9 0 0 0 10 0—Oct. 1863 866 Wh. Margaret (tin), Uny Lei. [8.E.] 9 17 6 26 23 25 76 5 0 1 0 0—May, 1863 100 Wheal Mary (tin), Leiant 38 2 6 284 5 0 4 0 0—Mar. 1862 1024 Wh. Mary Ann (id.), Menheniot [8.E.] 8 0 0 10 10 11 1 57 7 6 0 10 0—Mar. 1863 2024 Wh. Mary Ann (id.), Menheniot [8.E.] 8 0 0 10 10 11 1 57 7 6 0 10 0—Mar. 1863 390 Wheal Seion (tin, copper), Camborne 88 10 0 220 180 185 129 15 0 3 0 0—Oct. 1863 390 Wheal Seion (tin, copper), Camborne 88 10 0 220 180 185 129 15 0 3 0 0—Oct. 1863 1040 Wh. Treiamy (aid.), Likecart [8.E.] 8 17 0 21½ 21 22 47 12 6 0 10 0—Ang. 1863 2044 Wheal Tremayne (tin), Gwinear 6 11 3 64 74 0 10 0 0 0 10 0—Ang. 1863 17060 Wicklow (copper) [L.], Wicklow 2 10 0 12½ 14 5 0 1 6 0—Ang. 1865 [*Dividends paid every two months.]	000 East Rasset and Grylls (tip). 1 0 0	9 18 2 23 25
1024 Wh. Mary Ann (id.), Menheniot [8, E.] 8 0 0 10 10 11 57 7 6 0 10 0—Mar. 1863 80 Wheal Owies (tin), St. Just, Cornwall 70 0 0 — 328 3 0 5 0 0—Aug. 1863 80 Wheal State (tin), St. Just, Cornwall 70 0 0 — 328 3 0 5 0 0—Aug. 1863	000 E. Beam (tin), St. Aus. [L.£2] 1 70.—  300 E. Bottle Hill (tin), Plympton 0 2 6 7s.  006 E. Brondoyd(silid.) Card. [L] 2 0 0.—  300 E. Brondoyd(silid.) Card. [L] 2 0 0.—  300 E. Brondoyd(silid.) Card. [L] 2 0 0.—  400 So. Wh. Loveli (tin), Wendron 400 E. Brondoyd(silid.) (L.£1), 0 10 0.—  400 So. Wh. Loveli (tin), Wendron 400 E. Brondoyd(silid.), Card. [L] 2 0 0.—  400 So. Wh. Loveli (tin), Nendron 400 E. Brondoyd(silid.), Card. [L] 2 0 0.—  400 So. Wh. Loveli (tin), Nendron 400 E. Brondoyd(silid.), St. Just. 1000 East Cambrian (gold) [L. £1], 0 10 0.—	0 2 0 — :: 1 10 7 — ::
1040 Wheal reton (tin, copper), Camborne . 58 10 0. 220 180 186 159 15 0 3 0 0—0ct. 1863 1040 Wh.Trelawny(silid.),Jiskeard [8.E.] 5 17 0 21½ 21 22 47 12 6 0 10 0—Aug. 1863 2044 Wheal Tremayne (tin), Gwinear 61 1 3 64 7½ 01 0 0 10 0—Aug. 1863	900 E. Bottle Hill (tin), Plympton 0 2 0 18	6 13 0 — ::
[* Dividends paid every two months. † Dividends paid every three months.]	000 East Camorian (gold) [L. £1].       10 0.       744.       7 7½.       7 7½.       7 7½.       7 7½.       7 7½.       7 7½.       7 7½.       1863       15000 St. Cuthbert Ld: Smeit. [L. £5]       7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 0 0 = ::
MINES WITH DIVIDENDS IN ABEYANCE.	200 East Dylife (lead) [L. £5] 3 0 0	3 0 0 314 334
3000 Chiverton (lead), Perranzabuloe	000 E. Grenville (cop.), Camparie 1 1 0 0	5 6 39 36 38
4076 Devon and Cornwall (copper) 5 16 3 0 10 0 0 2 6—Feb. 1859	145 East Jane (8111d.), Cardinnam 1 15 5 Aug. 1863 6000 Tolcarne (cop.), Camborne Jan. 1863 6000 Tolcarne (cop.), Camborne Jan. 1863 6000 Tolcarne (cop.), Marazion	1 8 0 — 2 2½ 1 0 0 31% 2½
	000 East Marths [L. £2 10s.]	18 8 114
10240 Gunnis Lake (Clitters' Adit). 0 14 6. 6 64. 5 5 6 . 7 18 6. 0 5 0—Dec. 1861 10240 Gunnis Lake (Clitters' Adit). 0 2 0 0 3 0. 0 1 6—Mar. 1862	610 East Seton (cop.), Camborne 0 8 0	12 0 — :
640 Mount Pleasant (lead), Mold 4 0 0	190 E. Wheal Agar (cop.), st. Cleer 11 17 0  Sept. 1863  2048 Troworlis (tin), Wendron  April, 1863  2050 Trimley Hall [1250 £1 pd., 1250  306 E. Wh. Russell, Tavis. [S.E.)  8 2 0  3142%  3142%  315  Aug. 1863  6400 Trune Head (id., cop.) [L. £1].	12s. 6d. paid]
1024 South Woodley 0 5 6 0 6 0 0 6 0 0 6 0 June, 1862 9600 Tamar Con. (silid.), Beernlaton (8.E.) 4 10 0 5 6 0 0 2 6 Jan. 1861 573 Trayon Consolic (tin.) 81 10 10 0 5 6 0 0 2 6 Jan. 1861	048 East Wheai Grylis (tin, cop.) 1 0 0 644 "June, 1863 4000 Trimby Unit. (tin), Wendron 000 E. Wh. Russell, Tavis. [8.E.) 8 9 0 324278 324 Aug. 1863 6400 Tyne Head (id., cop.) [L. £1]. "Aug. 1863 6400 Tyne Wyd(silid.), Cardigan "Sept. 1863 1024 Tyringham Consols (tin)"	
## 18   19   10   10   10   10   10   10   10	026 Garden (tin), Morvah 4 17 9 May, 1863 20000 Vale of Towy (lead), Carmar.	15 6 — ::
8000 West Chiverton (lend) Personnahulos - 50 40 50	000 Gawton (copper), Tavistock 2 2 0 % 4June, 1863 3000 West Alfred (copper) [L. £3]	17 6 — ::
	000 Glasgow Caradon Cons. [L.]. 1 0 0 5%.  *Fully paid. 100 W. Bryn Gwicg (id.) [L. 220] 1  Oct. 1863 40000 West Clogau (gold)  *Oct. 1863 40000 West Clogau (gold)  *Sept. 1863 1218 W.Condurrow(tin.cop.), Cam.	5 5 ::
4600 Wh. Ludcott and Wrey (lead), St. Ive 2 10 S. 23. 2 23 . 3 4 6. 0 2 6—April, 1863	992 Goginan (all.,-id.) [1900 £12½, 2992 aos.] - 24 3 . Sept. 1863 40000 West Clogan (gold)	
FOREIGN MINES.  1464 Burra Burra (cop.), South Australia. 5 0 0 90 310 0 0 5 0 0—June, 1863	000 Geonzion (copper), St. Neot. 1	12 6 — ::
12000 Cobre Copper Co. (cop.), Cuba [S.E.] 40 0 0 29 28 29 98 12 0 1 0 0—Jan. 1862 10000 Copiapo Mining Company, Chili [S.E.] 16 0 0	000 Great Laxey (lead) [L.] 4 0 0	3 0 0 = 3 11 6 = 3 336
1800 East Indian Coal, Calcutta [L.] 10 0 0 7½ per cent Yearly. 17000 English and Australian [S.E.] 5 0 0 1 76 0 2 6-Feb. 1869 25000 Fortuna (lead), Spain [L.] [S.E.] 2 0 0. 4½ 4½. 4½ 0 8 4 0 3 4-Mar. 1863	000 Great Tregune Consols (cop.). 0 5 0	3 10 0 — 53 55 1 18 6 — 53 55 3 14 10. —
Topo	5481 West Frances (cop., lin), Rermoe100 0 0	4 5 0 — 3 8 6 1½
10000 Linares (id.), FORO Ancho, Spain [S.E.] 3 0 0. 754. 6 7 9 11 2. 0 5 0—Oct. 1863 10000 Lustanian (of Portugal) [S.E.] . 2 0 0. 2	910 Garlyn (cop., tin), 8t. Erth. 2 5 9. 1/4 May, 1863 6000 West Wh. Kitty(Lin), St. Agnes 048 Gwydyr Park Con., Lianrwst 0 19 9 Feb. 1863 1024 West Wheal Lovell, Wendron. 400 Harwood (ld.), Durham[L.£1] 0 5 6 Nov. 1861 6000 Wheal Agar (copper), Illogan	2 13 8
100000 Fort Phillip (gold), Clunes [8.E.] . 1 0 0 . 136 114 136 0 9 6 0 1 0—July, 1863 11000 8t. John del Rey [L.], Brazil [8.E.] . 15 0 0 . 57 56 58 58 50 . 3 10 0—June, 1863 48174 Unit, Mexican(sil.), Mexico [8.E.] Av. 28 5 0 . 7 6 6 7 2 9 0 . 0 7 6—May, 1863	1863   1034 West Whosh Lover, whosh Lover, whosh Lover, whosh Lover, whosh Lover, whosh Lover, who was the following the follo	1 13 0 —
10000 Vancouver (coal) [L. £10]	000 Holmbush   5000 £5 2s. pd., 5000 10s. pd.]	2 0 0 — 2 7 0 31s 28s. 30s.
	910 Gurlyn (cop., tin), 8t. Erth 2 5 9. 11/s	1186 314 4
FOREIGN MINES WITH DIVIDENDS IN ABEYANCE.  10000 Altenand Quanangen Unt. (cop.) [L.25] 4 10 0 — 4 5 0 0 15 0—Nov. 1853  10000 Gt. Barrier Land, Min., &c., N. Ze. [L.25] 4 10 0 — 15 per cent. — May, 1853	963 Lelant Cons. (tin), Uny Lelant 35 0 0 —	16 0 ::
10000 Pontgiband (sillead), France [S.E.]20 0 0.: 8 1 0 0 1 0 0 June, 1855	000 Long Rake (lead), Flint 4 50 1/2 5 Aug. 1863 2000 Wheal Falmouth & Sperries.	15 0 — 7 16 0 5%5% 5%
NON-DIVIDEND FOREIGN MINES.  Shares. Paid. Last Pr. Bus. done. Last Call.	000 Lower Taldrus (sinte) [L.] . 2 10 0	0 16 0 —
25000 Alamillos (lead), Spain L. £2]	000 Merryfield (lead) [L.] 0 12 0 May, 1860 4096 Wheal Hearie (tin), 8t. Just. 475 Michell (lead), Flint 0 5 6 April, 1863 1034 Wheal Heaster (tin), Bodmin 1900 MineraWesternBoundary[L.£1] 0 2 8 Sopt. 1863 2048 Wheal Hope (silid.), Perran 1900 MineraWesternBoundary[L.£1] 0 2 8 2001 MineraWesternBoundary[L.£1] 0 2	15 0 516534 614
7e000 Bon Accord, South Australia (copper) [L. £1] [S.E.] . 1 0 0	024 Mill Pool (copper) 15 15 0Jan. 1863 6000 Wheal Ida (eillead), St. Ive. 000 Molland (cop), S. Moulton. 2 9 6Nov. 1862 988 Wheal Margery (tin, copper) 1004 Nangtles (tin, copper), Kea 15 0 029 .28 30 .Oct. 1863 1000 Wh. Mary Hutchings (Plymp.)	8 10:
17000 Central Italian (copper) [7000 & paid]   0 6 0 96 78 Jan. 1862   1869   186	000 Nantos (silid.), Liabardian 000 Nantos (silid.), Liabardian 000 Nantos (silid.), Liabardian 000 Nantos and Peurhiw [L. 43] 312 0	4 10 0 —
100000 Don Pedro North Dei Rey (gold), Brazii [L. £1] [8,E.] 0 10 0 1½ % 1½ Aug. 1869 78000 Dun Mountain (copper), New Zealand [L.] [8,E.] 1 0 0 1½ % 1½ Aug. 1869	400 Nant-y-Jose (Id ) Merioneth 3 17 6.4 May 1982   coop Wh Pollard (cop.), St. Neot's	10 0
2000 East del Rey (gold), Brazil [L. £3]	000 New East Birch Tor (tin) 0 2 6	10 0.0
Shares	400 New Pembroke (tin and cop.), 0 6 6	17 6
\$6000 Great Northern (copper), South Australia [L. £2] [S.E.] . 1 10 0	960 New Trevenen (tin), Wendron B 70 July, 1863   6000 When Sparnon (tin)	20
4000 Hope Silver-Lead and Copper Efining Co. [L.], Jamaiea	024 New Wh. Grylls (tin and cop.) 2 1 6—	\$ 0 = 14 0 =
100000 Montes Aureos (gold), Brasil [L.] [S.E.]	400 New Wh Catanham ) Clamb 05 5 0 - Tong 1000 and Wh Then (till con ) Padenth	70 814 8 81/
1000 New Grand Lucky of Baden (silver-lead), near Freiburg   1 0 0	1000 Nor. Clifford (cop.), Gwennap 0 5 0	0 0 — 16 6 —
18000 Pashuca Silver Mining Company, Mexico [L. £1],   1 0 0	0000 North Downs (cop.), Camborne 2 18 6	10::= :: :::
69000 Banta Barbara (gold), Brazil [L. £1] 0 10 0	*. Those mines with [S.E.] appended have been admitted on the Stock Exchange. Those mines with [L.] appended Limited Liability.	mave been incorporate
10000   Montes Anreo (gold), Brazil [L.   S.   2 0 0 3 .2 \( \) 2\( \) 2\( \) 4   2\( \) 4   2\( \) 8   20 0 0 3 .2 \( \) 2\( \) 4   2\( \) 4   2\( \) 8   20 0 0 3 .2 \( \) 2\( \) 4   2\( \) 8   20 0 0 3 .2 \( \) 2\( \) 4   2\( \) 8   20 0 0 3 .2 \( \) 4   2\( \) 4   3\( \) 8   20 0 0 3 .2 \( \) 4   2\( \) 4   3\( \) 8   20 0 0 3 .2 \( \) 4   2\( \) 4   3\( \) 8   20 0 0 3 .2 \( \) 4   2\( \) 4   3\( \) 8   20 0 0 3 .2 \( \) 4   2\( \) 4   3\( \) 8   20 0 0 3 .2 \( \) 4   3\( \) 4   3\( \) 8   3 0 0 0 3   3 2 \( \) 4   3\( \) 8   3 0 0 0 3   3 2 \( \) 4   3\( \) 8   3 0 0 0 3   3 2 \( \) 4   3 0 0 3   3 2 \( \) 4   3 0 0 3   3 2 \( \) 4   3 0 0 3   3 2 \( \) 4   3 0 0 3   3 2 \( \) 4   3 0 0 3   3 2 \( \) 4   3 0 0 3   3 2 \( \) 4   3 0 0 3   3 2 \( \) 4   3 0 0 3   3 2 \( \) 4   3 2 \( \) 8   3 0 0 3   3 2 \( \) 4   3 2 \( \) 8   3 0 0 3   3 2 \( \) 8   3 3 2 \( \) 8   3 3 2 \( \) 8   3 3 2 \( \) 8   3 3 2 \( \) 8   3 3 2 \( \) 8   3 3 2 2 \( \) 8   3 3 2 2 \( \) 8   3 3 2 2 2   3 3 2 2 2 2 2 2 2 2 2 2 2	*a* Our object being to make the Share List correct, we carnestly call upon all who have the power, to aid us, by for tion which may, from time to time, come under their notice. To shareholders, as well as those officially come information. Reports from mines—in fact, mining intelligence of every description, forwarded to our office, will	orwarding any alterations or octed with the mines, we ar
45000 Victor Emanuel (copper), Italy [L.] 1 0 0		
10000 Worthing (copper), South Australia [L.] [S.E.]	endon: Printed by Richard Middleron, and published by Henry English (the proprietors), at their office, No. 26, munications are requested to be addressed,—October 17, 1863,	FLUET STREET, E,C., where
A STATE OF THE STA		

and published by HREET ENGLISH (the proprietors), at their office, No. 26, FLEET STREET, E.C., where all com-munications are requested to be addressed,—October 17, 1863,